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TABULAE REGIOMONTANAE REDUCTIONUM

OBSERVATIONUM ASTRONOMICARUM

AB ANNO 1750 USQUE AD ANNUM 1850

COMPUTATÆ.

AUCTORE

FRIDERICO WILHELMO BESSEL.

REGIOMONTI PRUSSORUM:
SUMTIBUS FRATRUM BORNTRAEGER.
1830.

PARISIIS: APUD BACHELIER.
LONDINI: APUD TREUTTEL, WUERZ & RICHTER. — BLACK YOUNG & YOUNG.
AMSTELODAMI: APUD MUELLER & COMP.
PETROPOLI: APUD GRÆFF.

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Introductio.

Praesens cognitio motuum Systematis Solaris non eos fecit progressus, quos polliceri videbatur et ingens numerus et bonitas observationum, quae inde a *Bradleji* temporibus circa Solem et Lunam et Planetas sunt institutae. Illud quidem vere dici potest, Tabulas astronomicas hodie non integris minutis primis a coelo aberrare, sed si Tabulae illae e. g. in planetae oppositione et bene observata et accurate reducta iis adhibitis praesidiis, quae ab anno 1750 usque ad haec nostra tempora suggesta sunt, quinque minutis secundis plus ab observatione recedunt, error earum tam manifestus et apertus est, quam antea error minutum primum superans. Ac tantum abest, ut Tabulae observationum praecisioni semper respondeant, ut ipsae Tabulae Solis, quas initio hujus saeculi *Celeberrimi de Lambre* et *de Zach* dederunt, a Tabulis meis anno 1828 editis *), quae *nunc* cum observationibus consentiunt, 10″ saepe discrepent: errorum vero indices, qui sunt in Cel. *Bouvardii* Tabulis Jovis, Saturni et Urani haud raro ostendunt errores, qui extra illum limitem egrediuntur **).

Incertum est, quae caussa sit horum errorum. Ab ipsis observationibus non possunt originem habere, dummodo eae cum Tabulis comparentur, quae in Speculis et bene instructis et recte administratis sint institutae, eoque sint numero, ut consensus earum mutuus a fortuitis vitiis eas liberas esse doceat. Quare tribuendi sunt aut rationi observationes reducendi aut Tabulis, quae vel in Elementis ellipticis, vel in positis planetarum perturbantium massis, vel in formulis perturbationes ad calculum revocantibus minus perfectae esse possunt, aut obscuras significant caussas, motum perturbantes, ad quas theoriae lumen nondum accesserit. Sed profecto summum debet videri Astronomiae problema, illud saepe dictum neque tamen in unoquoque casu satis confirmatum, quam diligentissime examinare, an theoria cum experientia semper consentiat. Hujus problematis solutio quum ab omni parte studiosissime tentata fuerit, aut perfecto et absoluto modo confirmabitur theoria *Newtonii*, aut ab omni dubio procul

*) *Schumacher*, Astronomische Nachrichten, Nr. 133 et 134.
**) Tables Astron. publiées par le Bureau des Longitudes de France. Paris, 1821.

cognoscetur, eam in quibusdam casibus sine mutatione aliqua non sufficere, aut praeter cognita corpora perturbantia obscuras superesse perturbationum caussas.

Ut solvi possit hoc gravissimum problema, primum necesse est praesidia quaeramus, quibus usi verum ex observationibus fructum capere valeamus pro ipsarum bonitate, neque propriis erroribus novos addamus a reductione profectos. Absolute quidem hoc nunquam assequi licet, quum vel diligentissima Elementorum reductionibus inservientium pervestigatio propius quidem ad veritatem accedere, ipsam veritatem assequi nequeat, sed illud sperandum est, fore, ut reductionum Elementa *pro initio et fine* certae periodi tam accurate definiantur, ut ipsorum praecisio praecisioni respondeat observationum *illo temporis intervallo* institutarum. Hujus rei periculum feci determinando reductionum Elementa primum pro medio superiore saeculo ex indagatione observationum *Bradleji* *), deinde pro praesenti tempore ex observationibus, quae sunt institutae in specula Regiomontana **). Jam mea sententia Adscensiones rectae et Declinationes illarum 36 Stellarum fundamentalium *Maskelynii* nec non stellae polaris pro periodo ab anno 1750 usque ad hanc nostram aetatem tanta gaudent praecisione, ut residui errores comparati cum observationum erroribus per idem temporis spatium institutarum haud magni sint ducendi. Quod verius etiam dici potest de differentiis Adscensionum rectarum et Declinationum quam de absolutis earum numeris. Quare si futurum tempus indicaverit errores absolutarum determinationum, praecisione, quae observationibus ab anno 1750 usque ad nostram aetatem institutis sufficiat, quid inde in reductiones harum observationum redundet, per formulam a solo tempore pendentem ad calculos vocare poteris, nec opus erit repetita et redintegrata reductione, modo iisdem semper Elementis usus fueris.

Praeterea si consideramus in dies crescentem observationum multitudinem, in qua semper difficilius erit, observationes ea forma, qua proferri solent ab Astronomis, quaque proferri fas est, animo complecti, eas stipatas optabimus longe minore momentorum numero, ad quae is, qui planetae theoriam scrutandam sibi sumpserit, possit semper redire, omissa originalium observationum cura. Pro superioribus planetis e. g. tempora et loca oppositionum fortasse etiam quadraturarum semel ea qua par est diligentia ex observationibus ab anno 1750 institutis ad calculum vocata, his hodiernis adhibitis praesidiis, totam harum observationum seriem brevissima forma comprehendent.

Haec omnia complectenti mihi videtur plurimum valere ad futuros progressus in cognitione systematis Solaris, loca planetarum ab anno 1750 observata quam diligentissime secundum eadem semper Elementa in catalogos redigere, ut quisque locus expositus in illis ex pluribus observationibus collectus sit. Sed quia omnium planetarum theoriae mutuo vinculo inter se con-

*) Fundamenta Astronomiae pro Anno 1755. Regiomonti, 1818.

**) Vide singulas partes observationum Astronomicarum in specula Regiomontana factarum, duasque insuper dissertationes, quas Academiae scientiarum Berolinensi diebus 17. Jun. 1819 et 24. Mart. 1825 tradidi.

junctae sunt, prius construantur oportet catalogi pro universis planetis, quam theoria inquiratur singulorum *). Quo labore nullum credo nunc majorem utilitatem Astronomiae allaturum esse.

Hanc opinionem secutus jam plures abhinc annos partem hujus observationum reductionis, nempe omnia, quae ad apparentia stellarum fixarum loca pertinent, exoptavi in medium proferre. Quum igitur disquisitio de mediis locis illarum 36 stellarum fundamentalium *Maskelynii* atque stellarum α et δ Ursae minoris ad eum limitem pervenisset, quem ultra progredi spem ipse deponerem, partim ipse laborem aggressus sum, ut Tabulas construerem, quas nunc Astronomis trado, partim usus sum auxilio, quod comiter mihi obtulerant viri dilectissimi, *Albert* Monacensis, *Anger* et *Busch* Gedanenses, *Olufsen* Hafniensis, *Dr. a Steinheil* Monacensis, qui per aliquod tempus Regiomonti studium posuerunt in Astronomia, et praeter hos vir optime meritus *Knorre*, qui praeest speculae Nicolajeviensi, vires nobiscum consociavit. Quid cuique debeatur amicorum mihi tam carorum, in explicandis singulis Tabulis nominatim indicabo.

Tabularum forma plane accommodata est ad eam rationem, quam, prout peculiares Tabulas pro singulis stellis respicit, anno 1818 **), prout generales omnibus stellis inservientes, anno 1821 ***) publici juris feci. Cujus rationis hoc est proprium, ut Tabulis non Longitudo Solaris neque Longitudo Nodi ascendentis Lunaris, sed ipsum tempus suppeditetur pro Argumento, praeterea ut stellarum apparentia loca dentur pro ipso Culminationis momento. Hoc modo ampliores quidem evadunt Tabulae, sed praecisio facilitasque usus hoc incommodum prorsus videtur restituere. Sed antequam accuratius has Tabulas explicem, brevi exponam de stellarum locorum mutationibus, quae ex Praecessione, Motu proprio, Nutatione et Aberratione oriuntur. Quorum plurima quidem jam prius separatim pluribus locis in lucem edidi, hic vero collecta et ubi necessarium videbatur paullulum immutata trado, ut omnes quae reductioni inserviunt formulae uno in loco reperiantur.

De media Aequinoctiorum Praecessione.

Quum situs circulorum maximorum, ad quos loca stellarum referuntur, in sphaera coelesti mutetur, mutantur etiam stellarum loca: motus Aequatoris Adscensionem rectam et Declinationem, motus Ecliptices Longitudinem mutabit et Latitudinem: quoniam vero Adscensio recta non a fixo Aequatoris puncto, neque Longitudo a fixo Ecliptices puncto, sed utraque a vernali Aequinoctiorum puncto numeratur, idque punctum motu utriusque circuli mu-

*) His similia pro Sole proposui in libro „Astronomische Nachrichten", Nr. 134.
**) Fundamenta Astronomiae pro Anno 1755. Sect. VII.
***) *Schumacher*, Astronomische Nachrichten, Nr. 4.

tatur, inde fit, ut motus Ecliptices ad Adscensionem rectam, motus Aequatoris aliquid momenti habeat ad Longitudinem. Omnes ex hac fonte manantes motus *Praecessioni* tribuuntur, etsi verbum hoc arctiore sensu principio est usurpatum.

Primum necessarium est, Aequatoris et Ecliptices motus ad *fixum* maximum sphaerae coelestis circulum definire, quem *Laplacio* duce eum esse volumus, quocum Ecliptica initio anni 1750 coincidebat. Jam pro indeterminato tempore $1750 + t$ designabimus Obliquitatem hujus fixae Ecliptices per ω, verae Ecliptices per $\omega_{,}$, angulum unius cum altera per π, deinde motum ab anno 1750 numeratum punctorum, in quibus Aequator et fixa Ecliptica se invicem secant, i. e. *Praecessionem lunisolarem* per ψ, punctorum motum, in quibus Aequator a vera Ecliptica scindatur, i. e. *Praecessionem generalem* per $\psi_{,}$, Longitudinem Nodi ascendentis verae Ecliptices in fixa, numeratam a vernali anni 1750 Aequinoctiorum puncto per Π; postremo motum Ecliptices in Aequatore per λ. Si poli trium circulorum, quos hic consideramus, ubi e polus sit Ecliptices fixae, e' verae, a polus Aequatoris, sphaerico triangulo connectantur, habebimus per introductas significationes:

Latera		oppositos angulos	
ae	$= \omega$	$ae'e$	$= \Pi + \psi_{,}$
ae'	$= \omega_{,}$	$e'ea$	$= 180° - \Pi - \psi$
ee'	$= \pi$	eae'	$= \lambda$

Septem hae quantitates, quibus et anguli et latera expressa sunt, tribus illis sphaerici trianguli aequationibus conjunguntur, ita ut tres earum per quatuor reliquas determinari possint. Itaque si data acceperimus ω, $\omega_{,}$, ψ et $\psi_{,}$, habebimus secundum *Nepperianas* analogias

$$[1]\quad \begin{cases} \operatorname{Tang}\frac{1}{2}\pi \operatorname{Sin}(\Pi + \frac{1}{2}\psi + \frac{1}{2}\psi_{,}) = \operatorname{Sin}\frac{1}{2}(\psi - \psi_{,}) \operatorname{Tang}\frac{1}{2}(\omega_{,} + \omega) \\ \operatorname{Tang}\frac{1}{2}\pi \operatorname{Cos}(\Pi + \frac{1}{2}\psi + \frac{1}{2}\psi_{,}) = \operatorname{Cos}\frac{1}{2}(\psi - \psi_{,}) \operatorname{Tang}\frac{1}{2}(\omega_{,} - \omega) \\ \operatorname{Tang}\frac{1}{2}\lambda \operatorname{Cos}\frac{1}{2}(\omega_{,} + \omega) = \operatorname{Tang}\frac{1}{2}(\psi - \psi_{,}) \operatorname{Cos}\frac{1}{2}(\omega_{,} - \omega) \end{cases}$$

His aequationibus inveniuntur π, Π et λ.

Ill. *Laplace* formulas dedit *) quae ad potentias temporis evolutae suppeditant:

$$\begin{aligned} \psi &= t\,.\,50'',28760 - tt\,.\,0'',0001217945 \\ \psi_{,} &= t\,.\,50'',09915 + tt\,.\,0'',0001221483 \\ \omega &= 23°\,28'\,18'',0 + tt\,.\,0'',00000984233 \\ \omega_{,} &= 23°\,28'\,18'',0 - t\,.\,0'',52114 \\ &\qquad - tt\,.\,0'',00000272295 \end{aligned}$$

Has formulas in eo mutavi **), ut ipsas seriori quam *Burckhardio* debemus determinationi massae Veneris accommodarem, deinde ut loco primi membri ipsius ψ eum ponerem Praecessionis Lunisolaris valorem, quem exhibuerat catalogi Fundamentorum Astronomiae pro 1755 cum catalogo *Piazziano*

*) Traité de mécanique céleste. Vol. III. P. 158.
**) Fundamenta Astronomiae. Sect. XI. P. 297.

completa collatio. Serius autem quum absolutas Adscensiones rectas 36 stellarum fundamentalium bis, pro 1815 et 1825, ex propriis observationibus destinassem, eas conquisivi correctiones, quae Adscensionibus rectis catalogi *Piazziani* universe admovendae essent, ut earum cum iis, quae modo laudavi, fieret plana consensio. Ita formulae illae secundam mutationem passae *) in has sequentes abierunt

$$[2]\quad \begin{cases} \psi = t\,.\,50'',37572 - tt\,.\,0'',0001217945 \\ \psi_{,} = t\,.\,50'',21129 + tt\,.\,0'',0001221483 \\ \omega = 23^{\circ}\,28'\,18'',0 + tt\,.\,0'',00000984233 \\ \omega_{,} = 23^{\circ}\,28'\,18'',0 - t\,.\,0'',48368 \\ \qquad\qquad - tt\,.\,0'',00000272295 \end{cases}$$

Quae formulae, substitutae in [1] et evolutae ad potentias temporis suppeditant

$$[3]\quad \begin{cases} \Pi = 171^{\circ}\,36'\,10'' - t\,.\,5'',21 \\ \pi = t\,.\,0'',48892 - tt\,.\,0'',0000030719 \\ \lambda = t\,.\,0'',17926 - tt\,.\,0'',0002660394 \end{cases}$$

Nunc duo illa problemata, quibus locorum stellarum mutationes, ex Praecessione manantes, definiantur, solvere licet, nempe

Problema I. Data stellae Longitudine l, Latitudine b pro tempore $1750 + t$, invenire Longitudinem l' et Latitudinem b' pro tempore $1750 + t'$.

Sit stellae Longitudo et Latitudo, ad fixam Eclipticen et fixum punctum Aequinoctiale anni 1750 relata, L et B, sphaericum triangulum, quod polos e et e' cum stella connectit, nobis praebebit

$$[4]\quad \begin{cases} \operatorname{Cos} B \operatorname{Cos}(L-\Pi) = \operatorname{Cos} b \operatorname{Cos}(l-\Pi-\psi_{,}) \\ \operatorname{Cos} B \operatorname{Sin}(L-\Pi) = \operatorname{Cos} b \operatorname{Sin}(l-\Pi-\psi_{,}) \operatorname{Cos}\pi - \operatorname{Sin} b \operatorname{Sin}\pi \\ \operatorname{Sin} B = \operatorname{Cos} b, \operatorname{Sin}(l-\Pi-\psi_{,}) \operatorname{Sin}\pi + \operatorname{Sin} b \operatorname{Cos}\pi. \end{cases}$$

Harum formularum ope inveniuntur L et B, quae constantes habent valores, modo sit stella revera immobilis. Si valores ipsorum Π, π, $\psi_{,}$ pro tempore $1750 + t'$ significantur per Π', π', $\psi_{,}'$, sequitur ex eodem triangulo:

$$[5]\quad \begin{cases} \operatorname{Cos} b' \operatorname{Cos}(l'-\Pi'-\psi_{,}') = \operatorname{Cos} B \operatorname{Cos}(L-\Pi') \\ \operatorname{Cos} b' \operatorname{Sin}(l'-\Pi'-\psi_{,}') = \operatorname{Cos} B \operatorname{Sin}(L-\Pi') \operatorname{Cos}\pi' + \operatorname{Sin} B \operatorname{Sin}\pi' \\ \operatorname{Sin} b' = -\operatorname{Cos} B \operatorname{Sin}(L-\Pi') \operatorname{Sin}\pi' + \operatorname{Sin} B \operatorname{Cos}\pi' \end{cases}$$

quibus formulis inveniuntur b' et l'.

Evitare poteris calculum ipsorum L et B, quum eliminaveris ea ex aequationibus [4] et [5], quod fieri potest ejusdem methodi usu, quae respectu Adscensionum rectarum et Declinationum infra explicabitur. Sed illis hic immorari, supervacaneum habeo, quia propter tardiorem Ecliptices motum, quadrata illorum π et π' poterunt negligi, etiam tum, quum t aut t' plura saecula amplecterentur. Qua de re approximatio hoc nixa sufficiet in omnibus casibus, qui possunt revera occurrere. Neglectis igitur $\pi\pi$ et $\pi'\pi'$, ex aequationibus [4] et [5] habebimus

*) Astronomische Nachrichten, Nr. 92.

$$l' = l + \psi_{,}' - \psi_{,} + \operatorname{Tang} b \{\pi' \operatorname{Cos}(l - \Pi' - \psi_{,}) - \pi \operatorname{Cos}(l - \Pi - \psi_{,})\}$$
$$b' = b - \pi' \operatorname{Sin}(l - \Pi' - \psi_{,}) + \pi \operatorname{Sin}(l - \Pi - \psi_{,})$$

pro quibus statuere licet

$$l' = l + \psi_{,}' - \psi_{,} + a \operatorname{Cos}\left(l - \frac{\Pi' + \Pi}{2} - \psi_{,} - A\right) \operatorname{Tang} b$$
$$b' = b - a \operatorname{Sin}\left(l - \frac{\Pi' + \Pi}{2} - \psi_{,} - A\right)$$

positis

$$a \operatorname{Cos} A = (\pi' - \pi) \operatorname{Cos} \tfrac{1}{2}(\Pi' - \Pi)$$
$$a \operatorname{Sin} A = (\pi' + \pi) \operatorname{Sin} \tfrac{1}{2}(\Pi' - \Pi).$$

Ex formulis [3] sequitur, verum esse usque ad quadrata temporis incl.

$$(\pi' - \pi) \operatorname{Cos} \tfrac{1}{2}(\Pi' - \Pi) = (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\}$$
$$(\pi' + \pi) \operatorname{Sin} \tfrac{1}{2}(\Pi' - \Pi) = (tt - t't')\ 0'',48892 \operatorname{Sin} 2'',605$$

ergo

$$a = (t' - t) \{0'',48892 - (t' + t)\ 0'',0000030719\}$$
$$A = -(t' + t)\ 2'',605,$$

unde habebimus

$$[6] \begin{cases} l' = l + (t' - t) \{50'',21129 + (t' + t)\, 0'',0001221483\} \\ \qquad + (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\} \operatorname{Cos} \mathcal{A} \operatorname{Tang} b \\ b' = b - (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\} \operatorname{Sin} \mathcal{A} \end{cases}$$

ubi $\mathcal{A}$ significat

$$l - 171°\,36'\,10'' - t\,.\,50'',21 + (t' + t)\ 5'',21.$$

Quodsi t' tantum infinite parvo intervallo a t distare supponitur, hae formulae Longitudinis et Latitudinis quotientes differentiales subministrant, qui, anno pro unitate temporis sumpto, *variationes annuae* vocantur. Itaque annuae variationes ad tempus $1750 + t$ pertinentes erunt hae:

$$[7] \begin{cases} \text{Long. .....} + 50'',21129 + t\,.\,0'',0002442966 \\ \qquad + \{0'',48892 - t\,.\,0'',0000061438\} \operatorname{Cos}(l - M) \operatorname{Tang} b \\ \text{Lat. .....} - \{0'',48892 - t\,.\,0'',0000061438\} \operatorname{Sin}(l - M) \end{cases}$$

ubi

$$M = 171°\,36'\,10'' + t\,.\,39'',79.$$

Problema II. Data stellae Adscensione recta α et Declinatione δ pro tempore $1750 + t$, invenire Adscensionem rectam α' et Declinationem δ' pro tempore $1750 + t'$.

Si Longitudo et Latitudo, relata ad fixam Eclipticen et fixum punctum Aequinoctiale, eodem modo ut in priore problemate significabitur, triangulum, quod polos a et e cum stella conjungit, pro tempore $1750 + t$ suppeditabit:

$$[8] \begin{cases} \operatorname{Cos} B \operatorname{Cos}(L + \psi) = \operatorname{Cos}\delta \operatorname{Cos}(\alpha + \lambda) \\ \operatorname{Cos} B \operatorname{Sin}(L + \psi) = \operatorname{Cos}\delta \operatorname{Sin}(\alpha + \lambda) \operatorname{Cos}\omega + \operatorname{Sin}\delta \operatorname{Sin}\omega \\ \operatorname{Sin} B = -\operatorname{Cos}\delta \operatorname{Sin}(\alpha + \lambda) \operatorname{Sin}\omega + \operatorname{Sin}\delta \operatorname{Cos}\omega. \end{cases}$$

eodemque modo, si valores ipsorum λ, ω, ψ, ad tempus $1750 + t'$ pertinentes, designantur per λ', ω', ψ'

$$[9]\quad \begin{cases} \operatorname{Cos}\delta' \operatorname{Cos}(\alpha'+\lambda') = \operatorname{Cos}B \operatorname{Cos}(L+\psi') \\ \operatorname{Cos}\delta' \operatorname{Sin}(\alpha'+\lambda') = \operatorname{Cos}B \operatorname{Sin}(L+\psi') \operatorname{Cos}\omega' - \operatorname{Sin}B \operatorname{Sin}\omega' \\ \operatorname{Sin}\delta' = \operatorname{Cos}B \operatorname{Sin}(L+\psi') \operatorname{Sin}\omega' + \operatorname{Sin}B \operatorname{Cos}\omega' \end{cases}$$

Quodsi non lubet sciscitari neque Longitudinem nec Latitudinem, quae ad fixam Eclipticen pertinent, verum tantum ipsa α' et δ', ad rem aptum erit, ex his aequationibus eliminare illa L et B. Id quod fit methodo, *Cl. Bohnenbergero* debita*), quam hic ex aequationibus fundamentalibus [8] et [9] derivare in animo est. Ut comprehendam brevi, pro $\alpha+\lambda$, $\alpha'+\lambda'$, $\psi'-\psi$ ponam haec $\alpha_{,}$, $\alpha_{,}'$, u.

His significationibus introductis eliminatio ipsorum L et B ex aequationibus [8] et [9] protinus suppeditabit:

$$\begin{aligned} \operatorname{Cos}\delta' \operatorname{Cos}\alpha_{,}' &= \operatorname{Cos}\delta \operatorname{Cos}\alpha_{,} . \operatorname{Cos}u \\ &- \operatorname{Cos}\delta \operatorname{Sin}\alpha_{,} . \operatorname{Sin}u \operatorname{Cos}\omega \\ &- \operatorname{Sin}\delta . \operatorname{Sin}u \operatorname{Sin}\omega \\ \operatorname{Cos}\delta' \operatorname{Sin}\alpha_{,}' &= \operatorname{Cos}\delta \operatorname{Cos}\alpha_{,} . \operatorname{Sin}u \operatorname{Cos}\omega' \\ &+ \operatorname{Cos}\delta \operatorname{Sin}\alpha_{,} [\operatorname{Cos}u \operatorname{Cos}\omega \operatorname{Cos}\omega' + \operatorname{Sin}\omega \operatorname{Sin}\omega'] \\ &+ \operatorname{Sin}\delta . [\operatorname{Cos}u \operatorname{Sin}\omega \operatorname{Cos}\omega' - \operatorname{Cos}\omega \operatorname{Sin}\omega'] \\ \operatorname{Sin}\delta' &= \operatorname{Cos}\delta \operatorname{Cos}\alpha_{,} . \operatorname{Sin}u \operatorname{Sin}\omega' \\ &+ \operatorname{Cos}\delta \operatorname{Sin}\alpha_{,} [\operatorname{Cos}u \operatorname{Cos}\omega \operatorname{Sin}\omega' - \operatorname{Sin}\omega \operatorname{Cos}\omega'] \\ &+ \operatorname{Sin}\delta [\operatorname{Cos}u \operatorname{Sin}\omega \operatorname{Sin}\omega' + \operatorname{Cos}\omega \operatorname{Cos}\omega'] . \end{aligned}$$

Si fingamus triangulum sphaericum, cujus quum basis sit u, anguli adjacentes sint ω' et $180°-\omega$, latus vero, quod primo angulo oppositum est, sit $90°-\delta$, quod secundo angulo, $90°+z'$, tertius postremo angulus θ, functiones ipsorum ω, ω', u, quae in datis aequationibus occurrunt, exprimi poterunt per z, z', θ. Hinc erit

$$\begin{aligned} \operatorname{Cos}\delta' \operatorname{Cos}\alpha_{,}' &= \operatorname{Cos}\delta \operatorname{Cos}\alpha_{,} [\operatorname{Cos}\theta \operatorname{Cos}z \operatorname{Cos}z' - \operatorname{Sin}z \operatorname{Sin}z'] \\ &- \operatorname{Cos}\delta \operatorname{Sin}\alpha_{,} [\operatorname{Cos}\theta \operatorname{Sin}z \operatorname{Cos}z' + \operatorname{Cos}z \operatorname{Sin}z'] \\ &- \operatorname{Sin}\delta . \operatorname{Sin}\theta \operatorname{Cos}z' \\ \operatorname{Cos}\delta' \operatorname{Sin}\alpha_{,}' &= \operatorname{Cos}\delta \operatorname{Cos}\alpha_{,} [\operatorname{Cos}\theta \operatorname{Cos}z \operatorname{Sin}z' + \operatorname{Sin}z \operatorname{Cos}z'] \\ &- \operatorname{Cos}\delta \operatorname{Sin}\alpha_{,} [\operatorname{Cos}\theta \operatorname{Sin}z \operatorname{Sin}z' - \operatorname{Cos}z \operatorname{Cos}z'] \\ &- \operatorname{Sin}\delta . \operatorname{Sin}\theta \operatorname{Sin}z' \\ \operatorname{Sin}\delta' &= \operatorname{Cos}\delta \operatorname{Cos}\alpha_{,} . \operatorname{Sin}\theta \operatorname{Cos}z \\ &- \operatorname{Cos}\delta \operatorname{Sin}\alpha_{,} . \operatorname{Sin}\theta \operatorname{Sin}z \\ &+ \operatorname{Sin}\delta . \operatorname{Cos}\theta . \end{aligned}$$

Multiplicando primam aequationem per $-\operatorname{Sin}z'$, secundam vero per $\operatorname{Cos}z'$, et addendo producta, deinde multiplicando primam per $\operatorname{Cos}z'$, secundam per $\operatorname{Sin}z'$, reperietur

$$[10]\ldots\quad \begin{cases} \operatorname{Cos}\delta' \operatorname{Sin}(\alpha'+\lambda'-z') = \operatorname{Cos}\delta \operatorname{Sin}(\alpha+\lambda+z) \\ \operatorname{Cos}\delta' \operatorname{Cos}(\alpha'+\lambda'-z') = \operatorname{Cos}\delta \operatorname{Cos}(\alpha+\lambda+z) \operatorname{Cos}\theta - \operatorname{Sin}\delta \operatorname{Sin}\theta \\ \operatorname{Sin}\delta' = \operatorname{Cos}\delta \operatorname{Cos}(\alpha+\lambda+z) \operatorname{Sin}\theta + \operatorname{Sin}\delta \operatorname{Cos}\theta \end{cases}$$

*) *Von Lindenau* und *Bohnenberger*, Zeitschrift für Astronomie etc. I. Pag. 124. Tubingae, 1816.

Quibus formulis immediate inveniuntur α' et δ', nec opus erit calculo ipsorum L et B. Quantitates vero z, z', θ, quae in illis formulis occurrant, facillimo calculo inveniuntur secundum *Nepperianas* analogias

$$[11]\quad \begin{cases} \operatorname{Tang}\frac{1}{2}(z'+z) = \dfrac{\operatorname{Cos}\frac{1}{2}(\omega'+\omega)}{\operatorname{Cos}\frac{1}{2}(\omega'-\omega)} \operatorname{Tang}\frac{1}{2}(\psi'-\psi) \\ \operatorname{Tang}\frac{1}{2}(z'-z) = \dfrac{\operatorname{Sin}\frac{1}{2}(\omega'-\omega)}{\operatorname{Sin}\frac{1}{2}(\omega'+\omega)} \operatorname{Cotang}\frac{1}{2}(\psi'-\psi) \\ \operatorname{Tang}\frac{1}{2}\theta = \dfrac{\operatorname{Sin}\frac{1}{2}(z'+z)}{\operatorname{Cos}\frac{1}{2}(z'-z)} \operatorname{Tang}\frac{1}{2}(\omega'+\omega) \end{cases}$$

In locum secundae formulae licet hanc substituere, quae per plura saecula modice tantum ab ea discrepat:

$$\tfrac{1}{2}(z'-z) = (t'+t)\ 0'',1011804 + (t'+t)^2 . 0'',0000002446$$

in prima vero et in tertia denominatorem cum unitate commutare.

Ad calculum numericum formularum [10] adhiberi poterunt formulae *Gaussianae*, quae, quum brevitatis caussa pro $\alpha'+\lambda'-z'$ scriptum fuerit a', pro $\alpha+\lambda+z$ autem a, in hoc casu suppeditant

$$[12]\quad \begin{cases} \operatorname{Cos}\frac{1}{2}(90°+\delta')\ \operatorname{Cos}\frac{1}{2}(a'+C) = \operatorname{Cos}\frac{1}{2}(90°+\delta+\theta)\ \operatorname{Cos}\frac{1}{2}a \\ \operatorname{Cos}\frac{1}{2}(90°+\delta')\ \operatorname{Sin}\frac{1}{2}(a'+C) = \operatorname{Cos}\frac{1}{2}(90°+\delta-\theta)\ \operatorname{Sin}\frac{1}{2}a \\ \operatorname{Sin}\frac{1}{2}(90°+\delta')\ \operatorname{Cos}\frac{1}{2}(a'-C) = \operatorname{Sin}\frac{1}{2}(90°+\delta+\theta)\ \operatorname{Cos}\frac{1}{2}a \\ \operatorname{Sin}\frac{1}{2}(90°+\delta')\ \operatorname{Sin}\frac{1}{2}(a'-C) = \operatorname{Sin}\frac{1}{2}(90°+\delta-\theta)\ \operatorname{Sin}\frac{1}{2}a \end{cases}$$

ubi C significat tertium angulum trianguli sphaerici, cujus quum sint tria latera $90°-\delta'$, $90°-\delta$ et θ, alteri lateri oppositus sit angulus a, alteri vero $180°-a'$. Sed eadem cura in conquirendis logarithmis adhibita, accuratior evadit calculus, si non ipsa a' et δ', sed quaerantur $a'-a$ et $\delta'-\delta$. Facile est intellectu, aequationem primam et secundam [10] subministrare haec

$$\operatorname{Cos}\delta'\operatorname{Sin}(a'-a) = \operatorname{Cos}\delta\operatorname{Sin}a\operatorname{Sin}\theta\,[\operatorname{Tang}\delta+\operatorname{Tang}\tfrac{1}{2}\theta\operatorname{Cos}a]$$

$$\operatorname{Cos}\delta'\operatorname{Cos}(a'-a) = \operatorname{Cos}\delta-\operatorname{Cos}\delta\operatorname{Cos}a\operatorname{Sin}\theta\,[\operatorname{Tang}\delta+\operatorname{Tang}\tfrac{1}{2}\theta\operatorname{Cos}a]$$

et si per secundam formulam dividetur prima, invenietur hoc

$$\operatorname{Tang}(a'-a) = \frac{\operatorname{Sin}a\ \operatorname{Sin}\theta\ [\operatorname{Tang}\delta+\operatorname{Tang}\frac{1}{2}\theta\,.\operatorname{Cos}a]}{1-\operatorname{Cos}a\operatorname{Sin}\theta[\operatorname{Tang}\delta+\operatorname{Tang}\frac{1}{2}\theta\,.\operatorname{Cos}a]}.$$

Ex analogiis *Nepperianis* derivatur

$$[13]\quad \begin{cases} \operatorname{Tang}\frac{1}{2}(\delta'-\delta) = \dfrac{\operatorname{Cos}\frac{1}{2}(a'+a)}{\operatorname{Cos}\frac{1}{2}(a'-a)} \operatorname{Tang}\frac{1}{2}\theta \\ \operatorname{Tang}\frac{1}{2}(\delta'+\delta) = \dfrac{\operatorname{Sin}\frac{1}{2}(a'+a)}{\operatorname{Sin}\frac{1}{2}(a'-a)} \operatorname{Tang}\frac{1}{2}\theta \end{cases}$$

Inde sequuntur duae calculandi leges, quarum altera directa, altera erit indirecta. Scilicet ponendo

$$p = \operatorname{Sin}\theta\,[\operatorname{Tang}\delta+\operatorname{Tang}\tfrac{1}{2}\theta\,.\operatorname{Cos}a]$$

habebimus

$$[14]\quad \begin{cases} \operatorname{Tang}(a'-a) = \dfrac{p\ \operatorname{Sin}a}{1-p\ \operatorname{Cos}a} \\ \operatorname{Tang}\frac{1}{2}(\delta'-\delta) = \dfrac{\operatorname{Cos}\frac{1}{2}(a'+a)}{\operatorname{Cos}\frac{1}{2}(a'-a)} \operatorname{Tang}\frac{1}{2}\theta \end{cases}$$

Altera eaque indirecta, quae mihi omnium commodissima videtur, quaque in omnibus casibus, ubi stella esset polo proxima, saepissime usus sum (nam in his solis poterit sermo esse de calculo secundum finitas formulas instituendo), in formulis [13] nititur postulatque approximativum valorem A ipsius α', ita ut sit verus $= A + x$, ubi x exiguo minutorum secundorum numero circumscriptum sit. Quodsi variationes logarithmorum ipsorum $\mathrm{Cos}\frac{1}{2}(\alpha' + \alpha)$, $\mathrm{Cos}\frac{1}{2}(\alpha' - \alpha)$, $\mathrm{Sin}\frac{1}{2}(\alpha' + \alpha)$, $\mathrm{Sin}\frac{1}{2}(\alpha' - \alpha)$ pro uno secundo Argumenti, quales immediate reperiuntur in tabulis logarithmicis, designentur his litteris c, c', s, s', invenientur variationes in hypothesi $\alpha' = A$ calculatorum logarithmorum ipsorum $\mathrm{Tang}\frac{1}{2}(\delta' - \delta)$ et $\mathrm{Cotang}\frac{1}{2}(\delta' + \delta)$ resp. $= \frac{1}{2}(c - c')x$ et $\frac{1}{2}(s - s')x$, et dividendo variationes eas per variationes logarithmorum ipsius $\mathrm{Tang}\frac{1}{2}(\delta' - \delta)$ et ipsius $\mathrm{Cotang}\frac{1}{2}(\delta' + \delta)$ pro minuto secundo Argumenti erunt

$$\tfrac{1}{2}(\delta' - \delta) = d + \alpha x$$
$$\tfrac{1}{2}(\delta' + \delta) = d' + \beta x$$

ubi d et d' valores significant ipsorum $\frac{1}{2}(\delta' - \delta)$ et $\frac{1}{2}(\delta' + \delta)$ calculati pro $\alpha' = A$. Habebimus igitur

$$\delta' = d' + d + (\beta + \alpha)x$$
$$\delta = d' - d + (\beta - \alpha)x$$

et, quum data sit δ, erit

$$x = \frac{\delta - (d' - d)}{\beta - \alpha}$$

unde α' inveniri potest et δ'.

Sed in casibus longe plurimis commodius erit, α' et δ' per series, quae ad potentias temporis progrediantur, evolvere, quaeque, nisi polo proxima erit stella, citissime convergant necesse est. Has series hoc modo designabimus

$$\alpha' = \alpha + U'(t' - t) + U''(t' - t)^2 + \text{etc.}$$
$$\delta' = \delta + W'(t' - t) + W''(t' - t)^2 + \text{etc.}$$

eas autem non ultra tertium terminum hic prosequemur, quia commodius erit, si altiores termini non possunt neglegi, finitas formulas supra traditas in calculo adhibere. Alio loco harum serierum altiores terminos consideravi*), sed si quaeratur, Tabulam condere mediorum locorum pro stella polo proxima, commodissime res expedietur, si haec loca secundum formulas [13] sive [14] calculantur pro certis annis, e. g. pro octavo quoque anno, singulorum vero annorum lacunae interpolatione explentur.

Formularum [8] et [9] completa differentiatio exhibet, ipsis L et B pro constantibus numeris sumtis,

$$\frac{\mathrm{d}\alpha}{\mathrm{d}t} = -\frac{\mathrm{d}\lambda}{\mathrm{d}t} + \frac{\mathrm{d}\psi}{\mathrm{d}t}[\mathrm{Cos}\,\omega + \mathrm{Sin}\,\omega\,\mathrm{Tang}\,\delta\,\mathrm{Sin}(\alpha + \lambda)]$$
$$- \frac{\mathrm{d}\omega}{\mathrm{d}t} \cdot \mathrm{Tang}\,\delta\,\mathrm{Cos}(\alpha + \lambda)$$

*) Fundamenta Astronomiae pro Anno 1755. P. 301 etc.

$$\frac{d\delta}{dt} = \frac{d\psi}{dt} \cdot \operatorname{Sin}\omega \operatorname{Cos}(\alpha + \lambda) + \frac{d\omega}{dt} \operatorname{Sin}(\alpha + \lambda)$$

sive, ipsius $\frac{d\omega}{dt}$ quadrato potentiisque altioribus neglectis,

$$\frac{d\alpha}{dt} = \frac{d\psi}{dt} \operatorname{Cos}\omega - \frac{d\lambda}{dt} + \frac{d\psi}{dt} \operatorname{Sin}\omega \cdot \operatorname{Tang}\delta \cdot \operatorname{Sin}\left(\alpha + \lambda - \frac{d\omega}{\operatorname{Sin}\omega \cdot d\psi}\right)$$

$$\frac{d\delta}{dt} = \frac{d\psi}{dt} \operatorname{Sin}\omega \operatorname{Cos}\left(\alpha + \lambda - \frac{d\omega}{\operatorname{Sin}\omega \cdot d\psi}\right)$$

Quantitas

$$\lambda - \frac{d\omega}{\operatorname{Sin}\omega \cdot d\psi},$$

quae reperitur ex formulis supra traditis pro λ, ω et $\psi = -t \cdot 0'',0231$, secundum attractionis theoriam deberet semper evanescere, ut evanescit pro $t = o$ sive pro 1750. Haec theoriae cum formulis dissensio vitium est formularum inde ortum, quia ea harum formularum membra, quae sunt tempori proportionalia, mutata sunt secundum novam determinationem massae Veneris, ea vero, quae quadrato temporis proportionalia sunt, valores retinuerunt desumptos ex Mechanica Coelesti, ubi non declaratur, quomodo haec membra mutentur mutatis planetarum massis. Sed vitium haud magni est ducendum, etiam longe minus, quam incertitudo, orta in membris tempori proportionalibus ex imperfecta massarum planetarum cognitione. Quamobrem habebimus

[15]
$$\begin{cases} \frac{d\alpha}{dt} = m + n \operatorname{Tang}\delta \operatorname{Sin}\alpha \\ \frac{d\delta}{dt} = n \operatorname{Cos}\alpha \end{cases}$$

uti m et n posita sunt pro

$$\frac{d\psi}{dt} \operatorname{Cos}\omega - \frac{d\lambda}{dt} \quad \text{et} \quad \frac{d\psi}{dt} \operatorname{Sin}\omega.$$

Ipsa inveniuntur ex formulis [2] et [3]

[16]
$$\begin{cases} m = 46'',02824 + t \cdot 0'',0003086450 \\ n = 20'',06442 - t \cdot 0'',0000970204 \end{cases}$$

Significatis valoribus ipsorum m et n, qui ad definitum tempus $1750 + t$ pertinent, per m' et n', iis vero, qui ad indefinitum $1750 + t'$, per

$$m' + m''(t' - t) \text{ et } n' + n''(t' - t),$$

successiva differentiatione formularum [15] sumtisque valoribus quotientium differentialium pro $t' = t$, habebitur:

$$U' = \frac{d\alpha}{dt} = n' \operatorname{Tang}\delta \operatorname{Sin}\alpha + m'$$

$$U'' = \tfrac{1}{2}\frac{d^2\alpha}{dt^2} = \frac{n'^2}{2} \operatorname{Tang}\delta^2 \operatorname{Sin}2\alpha + \frac{n'm'}{2} \operatorname{Tang}\delta \operatorname{Cos}\alpha$$
$$+ \frac{n'^2}{4} \operatorname{Sin}2\alpha + \frac{m''}{2} + \frac{n''}{2} \operatorname{Tang}\delta \operatorname{Sin}\alpha$$

$$U''' = \tfrac{1}{6}\frac{d^3\alpha}{dt^3} = \frac{n'^3}{3}\,\mathrm{Tang}\,\delta^3\,\mathrm{Sin}\,3\alpha + \frac{n'^2 m'}{2}\,\mathrm{Tang}\,\delta^2\,\mathrm{Cos}\,2\alpha$$
$$+ \mathrm{Tang}\,\delta\left[\frac{n'^3}{4}\,\mathrm{Sin}\,3\alpha + \left(\frac{n'^3}{12} - \frac{n'm'}{6}\right)\mathrm{Sin}\,\alpha\right]$$
$$+ \frac{n'^2 m'}{12}\,[3\,\mathrm{Cos}\,2\alpha + 1]$$
$$+ \frac{m''}{6}\,n'\,\mathrm{Tang}\,\delta\,\mathrm{Cos}\,\alpha$$
$$+ n''\left[\frac{n'}{2}\,\mathrm{Tang}\,\delta^2\,\mathrm{Sin}\,2\alpha + \frac{m'}{3}\,\mathrm{Tang}\,\delta\,\mathrm{Cos}\,\alpha + \frac{n'}{4}\,\mathrm{Sin}\,2\alpha\right]$$

$$W' = \frac{d\delta}{dt} = n'\,\mathrm{Cos}\,\alpha$$

$$W'' = \tfrac{1}{2}\frac{d^2\delta}{dt^2} = -\frac{n'^2}{2}\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha^2 - \frac{n'm'}{2}\,\mathrm{Sin}\,\alpha + \frac{n''}{2}\,\mathrm{Cos}\,\alpha$$

$$W''' = \tfrac{1}{6}\frac{d^3\delta}{dt^3} = -\frac{n'^3}{2}\,\mathrm{Tang}\,\delta^2\,\mathrm{Sin}\,\alpha^2\,\mathrm{Cos}\,\alpha - \frac{n'^2 m'}{2}\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha\,\mathrm{Cos}\,\alpha$$
$$- \left[\frac{n'(m'^2 + n'^2)}{6}\,\mathrm{Cos}\,\alpha - \frac{n'^3}{6}\,\mathrm{Cos}\,\alpha^3\right]$$
$$- \frac{m''}{6}\,n'\,\mathrm{Sin}\,\alpha$$
$$- n''\left[\frac{n'}{2}\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha^2 + \frac{m'}{3}\,\mathrm{Sin}\,\alpha\right]\ *)$$

De motu proprio Stellarum fixarum.

Si mutationes loci stellae fixae in observationibus invenerimus diversas ab iis, quae ex Praecessione oriantur, differentia tribuitur *motui proprio.* Jam ostendam, quomodo sit hic motus ex observationibus determinandus, et quomodo in reductione stellae loci pro indefinito tempore possit in calculum vocari.

Sumitur motum proprium uniformi confici velocitate et maximum circulum lustrare. Non est quidem dubium, quin hoc utrumque paullulum a veritate abhorreat. Sed quia stellae propter tardiorem incessum per plura saecula tam exiguum orbitae suae spatium metiantur, in eo quod hucusque observatum est hujus spatii, neque abnormitas potuit neque anfractus prodi.

Ut inveniatur motus proprius annuus ex observationibus locorum stellae tempore $1750 + T$ et tempore $1750 + T'$ institutis, locus unus sola Praecessione ad alterius tempus reducatur: hoc calculo aut secundus locus invenietur pertinens ad Aequatorem temporis $1750 + T$, ergo $\alpha + \Delta\alpha$ et $\delta + \Delta\delta$,

*) Formulas in „Fund. Astr.“ P. 303, quae partem ipsorum U''' et W''' a m'' et n'' pendentem ostendunt, erroneas esse hic indicatum volo.

ubi α et δ eam Adscensionem rectam et Declinationem significant, quae sint tempore $1750+T$ observatae, aut invenietur primus locus relatus ad Aequatorem temporis $1750+T'$, ergo $\alpha'+\triangle\alpha'$ et $\delta'+\triangle\delta'$, ubi α' et δ' erit Adscensio recta et Declinatio tempore $1750+T'$ observata. Per α, δ, $\alpha+\triangle\alpha$, $\delta+\triangle\delta$ arcus circuli maximi illo temporis intervallo confectus et angulus, quem ille facit cum Circulo Declinationis pro tempore $1750+T$ definiuntur, sive idem determinatur per α', δ', $\alpha'+\triangle\alpha'$, $\delta'+\triangle\delta'$ pro tempore $1750+T'$. Invento motu proprio in temporis intervallo et inde annuo motu quoad magnitudinem et directionem, invenietur arcus ab anno $1750+T$ usque ad indefinitum tempus, quod per $1750+t$ designabimus, confectus, et quoniam directio quoque cognita est, reperietur locus pro $1750+t$, relatus ad Aequatorem anni $1750+T$, qui locus sola Praecessione reductus ad annum $1750+t$, quaesitum locum pro hoc tempore suppeditat.

Quum ea, quae hic de Aequatore sunt disputata, eodem jure valeant de Ecliptica, iis, quae diximus, continetur completa solutio problematum de mutatione locorum stellarum respectu motus proprii. Sed quia motus proprius valde exiguus est, ipsius quadratum poterit negligi. Itaque superfluum est, scrutari motum in circulo maximo atque angulum, quem ille faciat cum Circulo Declinationis, quum variationes Adscensionis rectae et Declinationis relatae ad fixum Aequatorem nunc ipsi tempori sint proportionales. Jam formulas ad calculum aptas explicabo.

Usu methodi, quae formulis [10] continetur, habebimus locum pro $1750+T'$ adjecto motu proprio, si loco ipsorum α et δ, $\alpha+\triangle\alpha$ et $\delta+\triangle\delta$ posuerimus in his formulis, sive neglectis potentiis ipsorum $\triangle\alpha$ et $\triangle\delta$, quae ultra primam egrediantur,

$$[18]\quad \begin{cases} \triangle\alpha' = \triangle\alpha[\mathrm{Cos}\theta+\mathrm{Sin}\theta\,\mathrm{Tang}\delta'.\,\mathrm{Cos}(\alpha'+\lambda'-z')]+\dfrac{\triangle\delta}{\mathrm{Cos}\delta}.\,\mathrm{Sin}\,\theta\,\dfrac{\mathrm{Sin}(\alpha'+\lambda'-z')}{\mathrm{Cos}\,\delta'} \\ \triangle\delta' = -\triangle\alpha\,\mathrm{Sin}\theta\,\mathrm{Sin}(\alpha'+\lambda'-z')+\dfrac{\triangle\delta}{\mathrm{Cos}\delta}.\,\mathrm{Cos}\delta'[\mathrm{Cos}\theta+\mathrm{Sin}\theta\,\mathrm{Tang}\delta'\,\mathrm{Cos}(\alpha'+\lambda'-z')] \\ \triangle\alpha = \triangle\alpha'[\mathrm{Cos}\,\theta-\mathrm{Sin}\,\theta\,\mathrm{Tang}\,\delta\,\mathrm{Cos}(\alpha+\lambda+z)]-\dfrac{\triangle\delta'}{\mathrm{Cos}\delta'}.\,\mathrm{Sin}\theta\,\dfrac{\mathrm{Sin}\,(\alpha+\lambda+z)}{\mathrm{Cos}\,\delta} \\ \triangle\delta = \triangle\alpha'.\,\mathrm{Sin}\theta\,\mathrm{Sin}(\alpha+\lambda+z)+\dfrac{\triangle\delta'}{\mathrm{Cos}\delta'}\mathrm{Cos}\delta\,[\mathrm{Cos}\theta-\mathrm{Sin}\theta\,\mathrm{Tang}\delta\mathrm{Cos}(\alpha+\lambda+z)] \end{cases}$$

quae formulae eaedem valent, si $\triangle\alpha$, $\triangle\delta$, $\triangle\alpha'$, $\triangle\delta'$ totum et annuum motum significant. Inde sequitur, motum proprium, quamvis uniformem suppositum respectu *fixi* Aequatoris, nequaquam Adscensionis rectae et Declinationis variationes proferre quae sint tempori proportionales. Neque minus ex eodem apparet, motum annuum in Adscensione recta aut Declinatione pro determinato tempore cognitum separatim non sufficere, ad destinandum Adscensionem rectam aut Declinationem pro indefinito tempore, potius non obscurum est, utrumque motum necessarium esse, ut sive Adscensio recta sive Declinatio plane inveniatur.

Ut exemplo utar, eos afferam numeros, ad quos constructae sunt Tabulae stellae polaris in hoc libro contentae:

$$1755.\alpha = 10^\circ 55' 44'',955; \quad \delta = 87^\circ 59' 41'',12$$
$$1820.\alpha' = 14^\circ 15' 22'',575; \quad \delta' = 88^\circ 20' 54'',27.$$

Pro his temporibus inveniuntur ex formulis supra memoratis

$$\text{ex [3]} \ldots\ldots \quad \lambda = +0'',8897; \qquad +11'',2446$$
$$\text{ex [2]} \ldots\ldots \quad \psi = +4' 11'',8756; \quad +58' 45'',7036$$
$$\omega = 23^\circ 28' 18'',0002; \quad 23^\circ 28' 18'',0482.$$

His numeris pro transitu ab anno 1755 ad 1820 inveniuntur [11]

$$z = 24' 53'',8861; \quad z' = 25' 9'',0655; \quad \theta = 21' 43'',9394$$

Inde, secundum formulas [13] sive [14], habebimus locum pro 1755 ad 1820 reductum

$$\alpha' = 14^\circ 13' 54'',703; \quad \delta' = 88^\circ 20' 54'',052$$

Qui locus collatus cum loco observato pro 1820 suppeditabit

$$\triangle\alpha' = +87'',872; \quad \triangle\delta' = +0'',218,$$

sive motum proprium annuum in Adscensione recta et Declinatione, relatum ad Aequatorem anni 1820, quem litteris h' et i' designabo,

$$h' = +1'',351877; \quad i' = +0'',0033538$$

Ut possit per haec Elementa locus inveniri pro alio tempore, e. g. pro 1850, incipiemus ab anno 1820. Hoc modo inveniemus:

$$\alpha + \triangle\alpha = 14^\circ 15' 22'',575 + 30.1'',351877 = 14^\circ 16' 3'',1313$$
$$\delta + \triangle\delta = 88^\circ 20' 54'',27 + 30.0'',0033538 = 88^\circ 20' 54'',3706$$
$$z = 11' 15'',6173; \quad z' = 11' 50'',0325; \quad \theta = 10' 1'',6846$$
$$z + \lambda = 11' 26'',8619; \quad z' - \lambda' = 11' 34'',7669$$

locum vero pro anno 1850:

$$\alpha' = 16^\circ 15' 19'',527; \quad \delta' = 88^\circ 30' 34'',898.$$

Alias etiam locum pro 1820 sine respectu motus proprii reducere potuissemus ad annum 1850, tum vero secundum formulas [18] calculare, quid motus proprius hic valuisset, quo in calculo posuissemus:

$$\triangle\alpha = 30.1'',351877 = +40'',5563$$
$$\triangle\delta = 30.0'',0033538 = +0'',1006.$$

Postremo, ut usum declarem formularum [18], annuum motum in Adscensione recta et Declinatione definiam pro anno 1755. Quum pro anno 1820 sit

$$h' = +1'',351877; \quad i' = +0'',0033538$$

habebimus, adhibitis iusuper valoribus ipsorum z, λ, θ, secundum ultimas formulas [18], pro anno 1755,

$$h = +1'',10839; \quad i = +0'',005032$$

Ex quo intelligitur, non modicum oriri vitium supponendo, variationes locorum stellae polo proximae a motu proprio pendentes tempori esse proportionales.

Reliquum est, ut correctiones memorem, quas subeunt coefficientes [17] earum serierum, quibus exprimantur Adscensio recta et Declinatio. Ex iis, quae de mutatione locorum stellarum a motu proprio pendente disserui, elucet, illam plane calculo comprehendi ponendo in coefficientibus [17]

$\alpha + h(t'-t)$ et $\delta + i(t'-t)$ pro α et δ, sive neglectis quadratis ipsorum h et i, haec singulis coefficientibus addendo

[19]

ipsi U'.....h

U''.....$hn'\ \mathrm{Tang}\,\delta\ \mathrm{Cos}\,\alpha + in'\ \mathrm{Sec}\,\delta^2\ \mathrm{Sin}\,\alpha$

U'''.....$h\left[n'^2\ \mathrm{Tang}\,\delta^2\ \mathrm{Cos}\,2\alpha - \frac{n'm'}{2}\ \mathrm{Tang}\,\delta\ \mathrm{Sin}\,\alpha + \frac{n'^2}{2}\ \mathrm{Cos}\,2\alpha\right]$

$+ i.n'\ \mathrm{Sec}\,\delta^2\ \mathrm{Cos}\,\alpha\left[2n'\ \mathrm{Tang}\,\delta\ \mathrm{Sin}\,\alpha + \frac{m'}{2}\right]$

W'.....i

W''.....$-hn'\ \mathrm{Sin}\,\alpha$

W'''.....$-hn'\ \mathrm{Cos}\,\alpha\left[n'\ \mathrm{Tang}\,\delta\ \mathrm{Sin}\,\alpha + \frac{m'}{2}\right]$

$-i\,\frac{n'^2}{2}\ \mathrm{Sec}\,\delta^2\ \mathrm{Sin}\,\alpha^2$

Ex formulis [18] non minus, quam ex iis, quas modo dedimus, elucet, nisi Tangens et Secans Declinationis permagnae sint, eas quantitates in Adscensione recta et in Declinatione, quae a motu proprio dependeant, fere tempori esse proportionales, quo in casu utraque independens possit considerari altera ab altera. Tum etiam series, in quibus variationes Adscensionis rectae et Declinationis explicatae sunt, tam cito convergunt, ut, ipsas ultra quadratum temporis continuare, superfluum esse videatur. Id quum profecto saepissime eveniat, jam formulas proferam tum adhibendas, quum locus stellae, cujus Adscensio recta et Declinatio datae sunt pro duabus epochis $1750 + T$ et $1750 + T'$, erit ad tertium tempus $1750 + t$ reducendus. Si datas Adscensiones rectas denotaverimus litteris α et α', Praecessionem annuam in Adscensione recta pro duobus illis temporibus litteris p et p', annuam ejus variationem littera $\triangle p$, sive

$$\triangle p = \frac{p' - p}{T' - T}$$

habebimus Adscensionem rectam pro anno $1750 + t$

[20]..... $\alpha + (\alpha' - \alpha)\,\frac{t - T}{T' - T} + \frac{1}{2}\triangle p\,(t - T)\,(t - T')$

Formulam pro Declinatione plane similem fore, non obscurum est. Itaque ut e duobus datis locis inveniri possit tertius, necessarium quidem est, annuam variationem Praecessionis annuae, non ipsam Praecessionem cognoscere.

De Nutatione.

Formulis supra datis pro motu Aequatoris in Ecliptica vera ea pars sola continetur, quae cum ipso tempore procedit, sed completae expressiones illorum ψ, et ω, periodica etiam membra complectuntur, quae de Nodi Lunaris, Solis et Lunae Longitudine dependeant. Quae periodica Praecessionis membra, quum essent a *Bradlejo* inventa ex observationibus et *Nutationi axis terrae* adscripta, primus omnium *d'Alembertus* plane explicuit. For-

mulae autem pro ipsorum ψ, et ω, variationibus, ab iis membris ortis, quas litteris $\triangle\psi$ et $\triangle\omega$ significatas esse volumus, varias passae sunt mutationes vel additis parvis membris in prioribus disquisitionibus omissis vel mutata Lunaris massae cognitione. Equidem hanc theoriam denuo tractavi *), et quum massam Lunarem tantam posuissem, quantam ex effectu Nutationis in Adscensiones rectas stellae polaris *Cl. de Lindenavius* esse concluserat, inveni has formulas:

$$[21]\quad \begin{cases} \triangle\psi = -16'',78332\,\mathrm{Sin}\,\Omega + 0'',20209\,\mathrm{Sin}\,2\Omega - 1'',33589\,\mathrm{Sin}\,2\odot \\ \qquad\qquad - 0'',20128\,\mathrm{Sin}\,2\mathfrak{D}. \\ \triangle\omega = +\ 8'',97707\,\mathrm{Cos}\,\Omega - 0'',08773\,\mathrm{Cos}\,2\Omega + 0'',57990\,\mathrm{Cos}\,2\odot \\ \qquad\qquad + 0'',08738\,\mathrm{Cos}\,2\mathfrak{D}. \end{cases}$$

ubi Ω mediam Longitudinem Nodi ascendentis orbitae Lunaris, $\odot$ et $\mathfrak{D}$ veras Solis et Lunae Longitudines significant. Phaenomenon illud, ex quo *Cl. de Lindenavius* determinationem suam deduxit, videtur aptissimum ad determinandam massam Lunarem.

Quoniam expressiones illorum $\triangle\psi$ et $\triangle\omega$, quas supra memoravi, a Nutatione axis terrae, ergo ab Aequatoris motione quadam oriuntur, Latitudines stellarum non mutantur ab illis, Longitudines autem in eo tantum mutantur, quod a puncto Aequinoctiorum vernali per Nutationem mutato numerantur, quam ob caussam necesse est omnes communem adipiscantur correctionem $\triangle\psi$. Quantitas, quae ex Nutatione redundat in Adscensiones rectas et Declinationes, omni rigore potest calculari, in formulis [11] et [14] positis $\omega, + \frac{1}{2}\triangle\omega$, $\triangle\omega$, $\triangle\psi$, $\alpha' - z'$ et $\alpha + z$ pro $\frac{1}{2}(\omega' + \omega)$, $\omega' - \omega$, $\psi' - \psi$, a' et a. Quamquam usui Astronomico in plurimis casibus formulae sufficient, quae solorum $\triangle\psi$ et $\triangle\omega$ rationem habeant, neglectis quadratis potentiisque altioribus, tamen complectar in explicatione statim instituenda quadrata, ut constet, quantum valeant, et, si ultima praecisio hoc ita desiderare videatur, ut possint in calculum vocari.

Designatis igitur stellae media Adscensione recta per α, Declinatione per δ, apparentibus vero i. e. Nutatione mutatis per α' et δ', Longitudine media per l, Latitudine autem per b, media Obliquitate Ecliptices per ω, habebimus

$$\begin{aligned} \mathrm{Cos}\,\delta\,\mathrm{Cos}\,\alpha &= \mathrm{Cos}\,b\,\mathrm{Cos}\,l \\ \mathrm{Cos}\,\delta\,\mathrm{Sin}\,\alpha &= \mathrm{Cos}\,b\,\mathrm{Sin}\,l\,\mathrm{Cos}\,\omega - \mathrm{Sin}\,b\,\mathrm{Sin}\,\omega \\ \mathrm{Sin}\,\delta &= \mathrm{Cos}\,b\,\mathrm{Sin}\,l\,\mathrm{Sin}\,\omega + \mathrm{Sin}\,b\,\mathrm{Cos}\,\omega \\ \mathrm{Cos}\,\delta'\,\mathrm{Cos}\,\alpha' &= \mathrm{Cos}\,b\,\mathrm{Cos}\,(l+\triangle\psi) \\ \mathrm{Cos}\,\delta'\,\mathrm{Sin}\,\alpha' &= \mathrm{Cos}\,b\,\mathrm{Sin}\,(l+\triangle\psi)\,\mathrm{Cos}(\omega+\triangle\omega) - \mathrm{Sin}\,b\,\mathrm{Sin}\,(\omega+\triangle\omega) \\ \mathrm{Sin}\,\delta' &= \mathrm{Cos}\,b\,\mathrm{Sin}\,(l+\triangle\psi)\,\mathrm{Sin}\,(\omega+\triangle\omega) + \mathrm{Sin}\,b\,\mathrm{Cos}(\omega+\triangle\omega) \end{aligned}$$

*) Fundamenta Astronomiae pro Anno 1755, P. 126, quibus correctiones quasdam adjeci in libro „*Schumacher*, Astronomische Nachrichten", Nr. 34 et 83.

Ex his aequationibus quum fuerint eliminata l et b, habebimus

$$[22]\quad \begin{cases} \alpha'-\alpha = \operatorname{Sin}\omega\,\triangle\psi\,[\operatorname{Cotg}\omega + \operatorname{Sin}\alpha\,\operatorname{Tang}\delta] \\ \qquad -\triangle\omega\,.\,\operatorname{Cos}\alpha\,\operatorname{Tang}\delta \\ \qquad +\tfrac{1}{2}\operatorname{Sin}\omega^2\triangle\psi^2[\tfrac{1}{2}\operatorname{Sin}2\alpha+\operatorname{Cotg}\omega\operatorname{Cos}\alpha\operatorname{Tang}\delta+\operatorname{Sin}2\alpha\operatorname{Tang}\delta^2] \\ \qquad -\operatorname{Sin}\omega\,\triangle\psi\,\triangle\omega[\operatorname{Cos}\alpha^2-\operatorname{Cotg}\omega\operatorname{Sin}\alpha\operatorname{Tang}\delta+\operatorname{Cos}2\alpha\operatorname{Tang}\delta^2] \\ \qquad -\tfrac{1}{2}\triangle\omega^2\,[\tfrac{1}{2}\operatorname{Sin}2\alpha+\operatorname{Sin}2\alpha\,\operatorname{Tang}\delta^2] \\ \delta'-\delta = \operatorname{Sin}\omega\,\triangle\psi\,\operatorname{Cos}\alpha+\triangle\omega\,\operatorname{Sin}\alpha \\ \qquad -\tfrac{1}{2}\operatorname{Sin}\omega^2\,\triangle\psi^2\,\operatorname{Sin}\alpha\,[\operatorname{Cotg}\omega+\operatorname{Sin}\alpha\,\operatorname{Tang}\delta] \\ \qquad +\operatorname{Sin}\omega\,.\,\triangle\psi\,\triangle\omega\,\operatorname{Cos}\alpha\,[\operatorname{Cotg}\omega+\operatorname{Sin}\alpha\,\operatorname{Tang}\delta] \\ \qquad -\tfrac{1}{2}\triangle\omega^2\,\operatorname{Cos}\alpha^2\,\operatorname{Tang}\delta \end{cases}$$

Substituendo in his expressionibus formulas [21] et ponendo pro ω Obliquitatem Ecliptices pro initio anni 1800 $=$ 23° 27′ 54″,8, invenientur *primi* ordinis termini

$$[23]\quad \begin{cases} \alpha'-\alpha = -15'',39537\,\operatorname{Sin}\Omega - [6'',68299\,\operatorname{Sin}\Omega\operatorname{Sin}\alpha+8'',97707\,\operatorname{Cos}\Omega\operatorname{Cos}\alpha]\operatorname{Tang}\delta \\ \qquad +\ 0'',18538\operatorname{Sin}2\Omega+[0'',08046\operatorname{Sin}2\Omega\operatorname{Sin}\alpha+0'',08773\operatorname{Cos}2\Omega\operatorname{Cos}\alpha]\operatorname{Tang}\delta \\ \qquad -\ 1'',22542\operatorname{Sin}2\odot-[0'',53194\operatorname{Sin}2\odot\operatorname{Sin}\alpha+0'',57990\operatorname{Cos}2\odot\operatorname{Cos}\alpha]\operatorname{Tang}\delta \\ \qquad -\ 0'',18463\operatorname{Sin}2\mathfrak{D}-[0'',08015\operatorname{Sin}2\mathfrak{D}\operatorname{Sin}\alpha+0'',08738\operatorname{Cos}2\mathfrak{D}\operatorname{Cos}\alpha]\operatorname{Tang}\delta \\ \delta'-\delta = -\ 6'',68299\,\operatorname{Sin}\Omega\operatorname{Cos}\alpha+8'',97707\,\operatorname{Cos}\Omega\operatorname{Sin}\alpha \\ \qquad +\ 0'',08046\operatorname{Sin}2\Omega\operatorname{Cos}\alpha-0'',08773\operatorname{Cos}2\Omega\operatorname{Sin}\alpha \\ \qquad -\ 0'',53194\operatorname{Sin}2\odot\operatorname{Cos}\alpha+0'',57990\operatorname{Cos}2\odot\operatorname{Sin}\alpha \\ \qquad -\ 0'',08015\operatorname{Sin}2\mathfrak{D}\operatorname{Cos}\alpha+0'',08738\operatorname{Cos}2\mathfrak{D}\operatorname{Sin}\alpha \end{cases}$$

Terminorum *secundi* ordinis ii tantum sunt attentione digni, qui e maximo formularum [21] membro a simplici Nodi Lunaris Longitudine dependente oriuntur. Quibus solis in calculo retentis, et brevitatis caussa ponendo

$$\triangle\omega = 8'',97707\,\operatorname{Cos}\Omega = a\operatorname{Cos}\Omega$$
$$-\operatorname{Sin}\omega\,.\,\triangle\psi = 6'',68299\,\operatorname{Sin}\Omega = b\operatorname{Sin}\Omega$$

invenimus terminos *secundi* ordinis

$$\alpha'-\alpha = \frac{bb-aa}{4}\operatorname{Sin}2\alpha[\operatorname{Tang}\delta^2+\tfrac{1}{2}]+\frac{bb}{4}\operatorname{Tang}\delta\,.\,\operatorname{Cos}\alpha\,\operatorname{Cotang}\omega$$
$$+[\operatorname{Tang}\delta^2\operatorname{Cos}2\alpha-\operatorname{Tang}\delta\operatorname{Sin}\alpha\operatorname{Cotg}\omega+\operatorname{Cos}\alpha^2]\frac{ab}{2}\operatorname{Sin}2\Omega$$
$$-\Big[\frac{bb+aa}{4}\operatorname{Tang}\delta^2\operatorname{Sin}2\alpha+\frac{bb}{4}\operatorname{Tang}\delta\operatorname{Cos}\alpha\operatorname{Cotg}\omega+\frac{bb+aa}{8}-\operatorname{Sin}2\alpha\Big]\operatorname{Cos}2\Omega$$

$$\delta'-\delta = -\frac{aa\operatorname{Cos}\alpha^2+bb\operatorname{Sin}\alpha^2}{4}\operatorname{Tang}\delta-\frac{bb}{4}\operatorname{Sin}\alpha\,\operatorname{Cotg}\omega$$
$$-[\operatorname{Tang}\delta\operatorname{Sin}2\alpha+2\operatorname{Cotg}\omega\operatorname{Cos}\alpha]\frac{ab}{4}\operatorname{Sin}2\Omega$$
$$-\Big[\frac{aa\operatorname{Cos}\alpha^2-bb\operatorname{Sin}\alpha^2}{4}\operatorname{Tang}\delta-\frac{bb}{4}\operatorname{Sin}\alpha\operatorname{Cotg}\omega\Big]\operatorname{Cos}2\Omega$$

Quum partes harum expressionum a 2Ω independentes medium tantum stellae locum mutent, eam ob caussam omitti possunt, reliquae quum ex parte cum formularum [23] membris a 2Ω dependentibus confluant, formulae [23] hanc formam induunt:

$$[23^*]\begin{cases}\alpha'-\alpha = +0'',18545\,\mathrm{Sin}2\Omega + [0'',08012\,\mathrm{Sin}2\Omega\,\mathrm{Sin}\alpha + 0'',08761\,\mathrm{Cos}2\Omega\,\mathrm{Cos}\alpha]\,\mathrm{Tang}\delta\\ \delta'-\delta = +0'',08012\,\mathrm{Sin}2\Omega\,\mathrm{Cos}\alpha - 0'',08761\,\mathrm{Cos}2\Omega\,\mathrm{Sin}\alpha\end{cases}$$

Quod residuum, hoc est

$$[24]\begin{cases}\alpha'-\alpha = +0'',0001454\,[\mathrm{Tang}\,\delta^2 + \frac{1}{2}]\,\mathrm{Cos}2\alpha\,\mathrm{Sin}2\Omega\\ \qquad\quad -0'',0001518\,[\mathrm{Tang}\,\delta^2 + \frac{1}{2}]\,\mathrm{Sin}2\alpha\,\mathrm{Cos}2\Omega\\ \delta'-\delta = -0'',0000727\,\mathrm{Tang}\,\delta\,\mathrm{Sin}2\alpha\,\mathrm{Sin}2\Omega\\ \qquad\quad -[0'',0000217 + 0'',0000759\,\mathrm{Cos}2\alpha]\,\mathrm{Tang}\,\delta\,\mathrm{Cos}2\Omega\end{cases}$$

Ex quo intelligitur, hanc correctionem pro Adscensione recta tum demum centesimam partem minuti secundi temporis implere, si Declinatio erit $= 88°\,10'$, pro Declinatione autem centesimam partem minuti secundi arcualis aequare, si Declinatio erit $= 89°\,26'$.

De Aberratione.

Directio, in qua stella fixa conspicitur, respectu oculi directio erit lineae immobilis, qua lumen moveatur illud, quod e stella profectum ad oculum perveniat. Quodsi hujus lineae directio praeter oculum a insuper determinatur per punctum b, ad quod lumen prius quam ad oculum perveniat, id quod temporibus $t-\theta$ et t evenire supponimus, si praeterea oculus hoc temporis intervallo viam aa' conficit, ubi a' punctum aliquod significat in directione moti oculi, haud difficile est intellectu, rectam ba' esse directionem, qua lumen in spatio moveatur, rectam vero ba directionem esse, in qua stella observetur. Erit igitur inter utramque directionem angulus aba' extensus, quem *Aberrationem luminis Bradlejum* apellavisse constat. Ea phaenomeni explicatio fere cum inventoris explicatione congruit *). Cui superstructa est analysis haec.

Jam tria plana se invicem sub angulis rectis secent in immobili puncto spatii, quorum primum sit parallelum Aequatori, duo reliqua sint ad eundem perpendicularia. Illorum secundum transeat per puncta Aequinoctialia, tertium vero per puncta Solstitialia. Distantiae puncti ab his tribus planis designentur per x, y, z, sumto x positivo, si puncti Adscensio recta ex centro coordinatarum visa intra limites erit 270° et 90°, y positivo, si intra 0 et 180°, z positivo, si Declinatio erit aquilonia. Punctorum a' et b ab his planis distantias tempore t notabo litteris

x, y, z pro puncto a'
x', y', z' pro puncto b

Si oculus ad illa tria plana velocitatibus $\frac{dx}{dt}$, $\frac{dy}{dt}$, $\frac{dz}{dt}$ fertur, puncti a coordinatae pro eodem tempore t erunt

$$x - \frac{dx}{dt}.\theta;\quad y - \frac{dy}{dt}.\theta;\quad z - \frac{dz}{dt}.\theta$$

quae expressiones, motu oculi per tempus θ uniformi posito, prorsus verae sunt. Rem subtilissime perpendentes nos non fugiet, motu oculi posito in-

*) *Lalande, Astronomie.* §. 2829. *Gauss,* Theoria motus corp. coel. P. 68.

aequali, lineam illam respectu oculi immobilem non rectam sed curvam esse. Facile igitur est intellectu, aberrationem in Tubis longitudinis diversae diversam esse, sed insensibilem fore differentiam, non obscurum est, vel tum, quum differentia longitudinum Tuborum millies millies major esset, quam esse potest. Si veram stellae inerrantis directionem per Adscensionem rectam α, per Declinationem δ, apparentem vero per α' et δ' significaverimus, habebimus secundum explicationem supra memoratam

$$\lambda \operatorname{Cos}\delta \operatorname{Cos}\alpha = x'-x$$
$$\lambda \operatorname{Cos}\delta \operatorname{Sin}\alpha = y'-y$$
$$\lambda \operatorname{Sin}\delta = z'-z$$

ubi λ distantiam $a'b$ exprimit, praeterea

$$\lambda' \operatorname{Cos}\delta' \operatorname{Cos}\alpha' = x'-x+\frac{\mathrm{d}x}{\mathrm{d}t}\cdot\theta$$
$$\lambda' \operatorname{Cos}\delta' \operatorname{Sin}\alpha' = y'-y+\frac{\mathrm{d}y}{\mathrm{d}t}\cdot\theta$$
$$\lambda' \operatorname{Sin}\delta' = z'-z+\frac{\mathrm{d}z}{\mathrm{d}t}\cdot\theta$$

ubi λ' metitur distantiam ab. Sed θ per velocitatem, qua lumen moveatur, exprimi potest: signato ergo tempore, per quod lumen mediam distantiam terrae a Sole percurrit, littera k, erit $\theta = \lambda k$. Prioribus igitur aequationibus in posterioribus substitutis, dividendo per λ, scribendoque λL pro λ', inveniemus

[25]
$$\begin{cases} L \operatorname{Cos}\delta' \operatorname{Cos}\alpha' = \operatorname{Cos}\delta \operatorname{Cos}\alpha + \frac{\mathrm{d}x}{\mathrm{d}t}\cdot k \\ L \operatorname{Cos}\delta' \operatorname{Sin}\alpha' = \operatorname{Cos}\delta \operatorname{Sin}\alpha + \frac{\mathrm{d}y}{\mathrm{d}t}\cdot k \\ L \operatorname{Sin}\delta' = \operatorname{Sin}\delta + \frac{\mathrm{d}z}{\mathrm{d}t}\cdot k \end{cases}$$

quibus aequationibus, quum pro velocitatibus in directione trium illarum coordinatarum valores necessarii positi fuerint, problema solutum erit rigore geometrico. Approximatione usque ad membra secundi ordinis incl. illae aequationes suppeditant

[26]
$$\begin{cases} \alpha'-\alpha = -k \operatorname{Sec}\delta\left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Sin}\alpha - \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Cos}\alpha\right] \\ \qquad +kk \operatorname{Sec}\delta^2\left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Sin}\alpha - \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Cos}\alpha\right]\left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Cos}\alpha + \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Sin}\alpha\right] \\ \delta'-\delta = -k\left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Sin}\delta\operatorname{Cos}\alpha + \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Sin}\delta\operatorname{Sin}\alpha - \frac{\mathrm{d}z}{\mathrm{d}t}\operatorname{Cos}\delta\right] \\ \qquad -\tfrac{1}{2}kk \operatorname{Tang}\delta\left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Sin}\alpha - \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Cos}\alpha\right]^2 \\ \qquad +kk\left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Sin}\delta\operatorname{Cos}\alpha + \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Sin}\delta\operatorname{Sin}\alpha - \frac{\mathrm{d}z}{\mathrm{d}t}\operatorname{Cos}\delta\right]\times \\ \qquad\qquad \left[\frac{\mathrm{d}x}{\mathrm{d}t}\operatorname{Cos}\delta\operatorname{Cos}\alpha + \frac{\mathrm{d}y}{\mathrm{d}t}\operatorname{Cos}\delta\operatorname{Sin}\alpha + \frac{\mathrm{d}z}{\mathrm{d}t}\operatorname{Sin}\delta\right] \end{cases}$$

Reliquum est, ut velocitates oculi in directione trium illarum coordinatarum definiamus. Coordinatis igitur centri Solis significatis per X, Y, Z, distantia terrae a Sole per r, Longitudine Solis per $\odot$, Obliquitate Ecliptices per ω, distantia loci observationis a centro terrae per ϱ, correcta Latitudine hujus loci per φ', Adscensione recta culminantis puncti aequatorialis per μ, invenietur

$$x = X - r\,\mathrm{Cos}\odot + \varrho\,\mathrm{Cos}\varphi'\,\mathrm{Cos}\mu$$
$$y = Y - r\,\mathrm{Sin}\odot\,\mathrm{Cos}\omega + \varrho\,\mathrm{Cos}\varphi'\,\mathrm{Sin}\mu$$
$$z = Z - r\,\mathrm{Sin}\odot\,\mathrm{Sin}\omega + \varrho\,\mathrm{Sin}\varphi'$$

Harum expressionum completi quotientes differentiales substituendi sunt in formulis [25] et [26], ut completa Aberratio accipiatur. Ex quo apparet, non modo motum oculi respectu Solis esse considerandum, verum etiam ipsum Solarem motum, qui vel ex progressivo Solis in spatio incessu vel e motione Solis circa commune centrum gravitatis totius systematis Solaris oriri possit. Motus autem progressivus, qui pro celeriore vel tardiore incessu majorem vel minorem Aberrationem excitat, hic relinqui poterit, quia Aberratio ex hac profecta caussa mediis stellarum locis se misceat necesse est; periodica vero pars motus Solaris minimas, ut alio loco*) exposui, profert Aberrationes, quae si essent receptae, formulas praeter necessitatem complicatas redderent. Quare solum motum ellipticum centri terrestris motumque terrae rotatum circa axin suum in computatione retinebo.

Differentiando igitur expressiones illorum x, y, z, curaque de legibus Keplerianis rite adhibita, reperietur:

$$\frac{\mathrm{d}x}{\mathrm{d}t} = \frac{\mathrm{d}m}{\sqrt{(1-ee)}\mathrm{d}t}\{\mathrm{Sin}\odot + e\,\mathrm{Sin}P\} - \varrho\frac{\mathrm{d}\mu}{\mathrm{d}t}\,\mathrm{Cos}\varphi'\,\mathrm{Sin}\mu$$
$$\frac{\mathrm{d}y}{\mathrm{d}t} = \frac{-\mathrm{Cos}\omega.\mathrm{d}m}{\sqrt{(1-ee)}\mathrm{d}t}\{\mathrm{Cos}\odot + e\,\mathrm{Cos}P\} + \varrho\frac{\mathrm{d}\mu}{\mathrm{d}t}\,\mathrm{Cos}\varphi'\,\mathrm{Cos}\mu$$
$$\frac{\mathrm{d}z}{\mathrm{d}t} = \frac{-\mathrm{Sin}\omega.\mathrm{d}m}{\sqrt{(1-ee)}\mathrm{d}t}\{\mathrm{Cos}\odot + e\,\mathrm{Cos}P\}$$

ubi $\frac{dm}{dt}$ significat medium Solis motum sidereum eadem, qua k metiamur, temporis unitate expressum, P Longitudinem Perigei, e orbitae terrestris Excentricitatem.

His expressionibus in formulis [26] substitutis et membra inveniuntur periodica, quae a $\odot$ et μ dependeant, et membra ab his iisdem quantitatibus independentia, quae, quum confluant cum mediis stellarum locis, neque alius momenti esse videatur, ea segregare ab his, negligi poterunt. Sed periodica membra, quatenus a Solis Longitudine pendentia, *annuam* efficiunt Aberrationem, *diurnam* quatenus a tempore sidereo. In primo ordine duae illae Aberrationes sejunctae sunt, in secundo quidem mixtae, sed quod ex diurno motu in membra hujus ordinis redundat, id tam parvi ducendum erit, ut prorsus omitti possit.

*) Fundamenta Astronomiae pro Anno 1755. P. 132.

Igitur hanc utramque Aberrationem separatim examinabo, initiumque ducam ab *annua* Aberratione. Substitutione in formulis [26] facta, omissisque membris independentibus a Longitudine Solari et in secundo ordine Eccentricitate orbitae terrestris neglecta, positoque $\varkappa$ pro

$$\frac{k\ \mathrm{d}m}{\sqrt{(1-ee)}\mathrm{d}t}\ ,$$

invenientur

$$\begin{aligned}
\alpha'-\alpha &= -\varkappa\,\mathrm{Sec}\,\delta\,[\mathrm{Cos}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Cos}\,\omega + \mathrm{Sin}\odot\,\mathrm{Sin}\,\alpha] \\
&\quad -\tfrac{1}{4}\varkappa\varkappa\,\mathrm{Sec}\,\delta^2\,[\mathrm{Cos}2\odot\,\mathrm{Sin}2\alpha(1+\mathrm{Cos}\,\omega^2) - 2\,\mathrm{Sin}2\odot\,\mathrm{Cos}2\alpha\,\mathrm{Cos}\,\omega] \\
\delta'-\delta &= +\varkappa\,[\mathrm{Cos}\odot(\mathrm{Sin}\,\alpha\,\mathrm{Sin}\,\delta\,\mathrm{Cos}\,\omega - \mathrm{Cos}\,\delta\,\mathrm{Sin}\,\omega) - \mathrm{Sin}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,\delta] \\
&\quad -\tfrac{1}{8}\varkappa\varkappa\,\mathrm{Tang}\,\delta\,[\mathrm{Cos}2\odot(\mathrm{Cos}2\alpha(1+\mathrm{Cos}\,\omega^2) - \mathrm{Sin}\,\omega^2) + 2\,\mathrm{Sin}2\odot\,\mathrm{Sin}2\alpha\,\mathrm{Cos}\,\omega]
\end{aligned}$$

ubi in ultima formula nonnulla membra, non multiplicata in $\mathrm{Tang}\,\delta$, quippe nunquam millesimam partem minuti secundi adaequantia, omittere non dubitavi.

Valorem ipsius $\varkappa$ secundum *Cl. de Lambre* posui $=$ 20″,255, quod proxime accedit ad valorem e *Bradleji* observationibus inventum. Non defuere, qui hunc valorem augendum esse arbitrarentur. Sed quum in eo stellarum maxime consulerent observationes Adscensionum rectarum, illud verendum esse duxi *), ne Maximum Aberrationis in Adscensione recta se Maximo misceat effectus, quem in instrumenta exercent Astronomica diurnae caloris variationes. Quas quum non liceat directe ea qua par est praecisione definire, eas non sine pertractatione rei omnino abesse judicabimus. Itaque posito $\varkappa =$ 20″,255, formulae, quae *annuam* Aberrationem exhibent, erunt hae:

[27]

$$\left\{\begin{aligned}
\alpha'-\alpha &= -20'',255\ \mathrm{Sec}\,\delta\,[\mathrm{Cos}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Cos}\,\omega + \mathrm{Sin}\odot\,\mathrm{Sin}\,\alpha] \\
&\quad -\ 0'',0009157\ \mathrm{Sec}\,\delta^2\,.\,\mathrm{Sin}2\alpha\ \mathrm{Cos}2\odot \\
&\quad +\ 0'',0009123\ \mathrm{Sec}\,\delta^2\,.\,\mathrm{Cos}\,2\alpha\ \mathrm{Sin}2\odot \\
\delta'-\delta &= +20'',255\ \mathrm{Cos}\odot\,[\mathrm{Sin}\,\alpha\,\mathrm{Sin}\,\delta\,\mathrm{Cos}\,\omega - \mathrm{Cos}\,\delta\,\mathrm{Sin}\,\omega] \\
&\quad -20'',255\ \mathrm{Sin}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,\delta \\
&\quad +[0'',0000394 - 0'',0004578\,\mathrm{Cos}\,2\alpha]\,\mathrm{Tang}\,\delta\,.\,\mathrm{Cos}2\odot \\
&\quad -\ 0'',0004561\,\mathrm{Tang}\,\delta\,.\,\mathrm{Sin}2\alpha\,\mathrm{Sin}2\odot
\end{aligned}\right.$$

Pro stellis, quarum Declinatio minor erit quam 85° 31′, membra secundi ordinis in Adscensione recta non centesimam partem minuti secundi temporalis amplecti poterunt, pro Declinationibus minoribus quam 87° 9′ non ad centesimam partem secundi arcualis ascendere poterunt in Declinatione.

Quum stellae Adscensio recta et Declinatio, Longitudo Solaris et Obliquitas Ecliptices, quae in formulis [27] occurrunt, ad verum pertineant Nutatione jam mutatum Aequatorem, in calculo Aberrationis correctiones erunt addendae, a productis Aberrationis et Nutationis profectae, si quis valoribus a Nutatione non affectis uti velit. Illae correctiones inveniuntur differentiando formulas [27] respectu quantitatum α, δ, $\odot$ et ω, et tum ponendo pro $\mathrm{d}\alpha$, $\mathrm{d}\delta$, $\mathrm{d}\odot$, $\mathrm{d}\omega$ effectum Nutationis in easdem quantitates. Quodsi ea sola membra retinentur, quae cum ipsa Declinatione plurimum crescunt i. e. pro Ad-

*) Abhandlungen der mathematischen Classe der Akademie von Berlin, für 1818 bis 1819. P. 26.

scensione recta, quae sunt in $\mathrm{Tang}\,\delta\,\mathrm{Sec}\,\delta$ multiplicata, pro Declinatione, quae sunt in $\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\delta$, quantitates $\mathrm{d}\odot$ et $\mathrm{d}\omega$ nullius momenti ducendae erunt, quare statuere licebit:

$$\mathrm{d}\alpha = -[b\,\mathrm{Sin}\,\Omega\,\mathrm{Sin}\,\alpha + a\,\mathrm{Cos}\,\Omega\,\mathrm{Cos}\,\alpha]\,\mathrm{Tang}\,\delta$$
$$\mathrm{d}\delta = -b\,\mathrm{Sin}\,\Omega\,\mathrm{Cos}\,\alpha + a\,\mathrm{Cos}\,\Omega\,\mathrm{Sin}\,\alpha$$

quo facile invenietur

$$\alpha'-\alpha = \mathrm{Tang}\,\delta\,\mathrm{Sec}\,\delta\,\frac{20'',255}{2}\left\{\begin{array}{l} -(b+a\,\mathrm{Cos}\,\omega)\,\mathrm{Sin}\,2\alpha\,\mathrm{Cos}\,(\odot+\Omega) \\ +(b\,\mathrm{Cos}\,\omega+a)\,\mathrm{Cos}\,2\alpha\,\mathrm{Sin}\,(\odot+\Omega) \\ +(b-a\,\mathrm{Cos}\,\omega)\,\mathrm{Sin}\,2\alpha\,\mathrm{Cos}\,(\odot-\Omega) \\ -(b\,\mathrm{Cos}\,\omega-a)\,\mathrm{Cos}\,2\alpha\,\mathrm{Sin}\,(\odot-\Omega) \end{array}\right.$$

$$\delta'-\delta = \mathrm{Tang}\,\delta\,\mathrm{Sin}\,\delta\,.\,\frac{20'',255}{4}\left\{\begin{array}{l} -(b+a\,\mathrm{Cos}\,\omega)\,\mathrm{Cos}\,2\alpha\,\mathrm{Cos}\,(\odot+\Omega) \\ -(b\,\mathrm{Cos}\,\omega+a)\,\mathrm{Sin}\,2\alpha\,\mathrm{Sin}\,(\odot+\Omega) \\ +(b-a\,\mathrm{Cos}\,\omega)\,\mathrm{Cos}\,2\alpha\,\mathrm{Cos}\,(\odot-\Omega) \\ +(b\,\mathrm{Cos}\,\omega-a)\,\mathrm{Sin}\,2\alpha\,\mathrm{Sin}\,(\odot-\Omega) \\ +(b-a\,\mathrm{Cos}\,\omega)\,\mathrm{Cos}\,(\odot+\Omega) \\ -(b+a\,\mathrm{Cos}\,\omega)\,\mathrm{Cos}\,(\odot-\Omega) \end{array}\right.$$

sive numeris expressum

[28]

$$\alpha'-\alpha = \mathrm{Tang}\,\delta\,\mathrm{Sec}\,\delta\left\{\begin{array}{l} -0'',0007324\,\mathrm{Sin}\,2\alpha\,\mathrm{Cos}\,(\odot+\Omega) \\ +0'',0007418\,\mathrm{Cos}\,2\alpha\,\mathrm{Sin}\,(\odot+\Omega) \\ -0'',0000762\,\mathrm{Sin}\,2\alpha\,\mathrm{Cos}\,(\odot-\Omega) \\ +0'',0001398\,\mathrm{Cos}\,2\alpha\,\mathrm{Sin}\,(\odot-\Omega) \end{array}\right.$$

$$\delta'-\delta = \mathrm{Tang}\,\delta\,\mathrm{Sin}\,\delta\left\{\begin{array}{l} -0'',0003662\,\mathrm{Cos}\,2\alpha\,\mathrm{Cos}\,(\odot+\Omega) \\ -0'',0003709\,\mathrm{Sin}\,2\alpha\,\mathrm{Sin}\,(\odot+\Omega) \\ -0'',0000381\,\mathrm{Cos}\,2\alpha\,\mathrm{Cos}\,(\odot-\Omega) \\ -0'',0000699\,\mathrm{Sin}\,2\alpha\,\mathrm{Sin}\,(\odot-\Omega) \\ -0'',0000381\,\mathrm{Cos}\,(\odot+\Omega) \\ -0'',0003662\,\mathrm{Cos}\,(\odot-\Omega) \end{array}\right.$$

Si Declinatio 85° 36′ non excedit, haec correctio Adscensionis rectae non assequi poterit centesimam partem minuti secundi temporalis, pro Declinatione minore quam 85° 22′ correctio Declinationis minor erit quam centesima pars minuti secundi arcualis.

Ponendo in formulis [26], ut *diurna* obtineatur Aberratio,

$$\frac{\mathrm{d}x}{\mathrm{d}t} = -\varrho\,\frac{\mathrm{d}\mu}{\mathrm{d}t}\,\mathrm{Cos}\,\varphi'\,\mathrm{Sin}\,\mu$$
$$\frac{\mathrm{d}y}{\mathrm{d}t} = +\varrho\,\frac{\mathrm{d}\mu}{\mathrm{d}t}\,\mathrm{Cos}\,\varphi'\,\mathrm{Cos}\,\mu$$
$$\frac{\mathrm{d}z}{\mathrm{d}t} = 0$$

invenietur

$$\alpha'-\alpha = k\varrho\,\frac{\mathrm{d}\mu}{\mathrm{d}t}\,\mathrm{Cos}\,\varphi'\,\mathrm{Cos}\,(\mu-\alpha)\,\mathrm{Sec}\,\delta$$
$$\delta'-\delta = k\varrho\,\frac{\mathrm{d}\mu}{\mathrm{d}t}\,\mathrm{Cos}\,\varphi'\,\mathrm{Sin}\,(\mu-\alpha)\,\mathrm{Sin}\,\delta$$

Ut harum formularum factorem a loco stellae independentem numeris exprimamus, habebimus ut supra

$$\frac{k\,dm}{\sqrt{(1-ee)}dt} = 20'',255$$

porro

$$\frac{d\mu}{dt} = (T+1)\,\frac{dm}{dt}$$

ubi T numerum repraesentat mediorum dierum, ergo $T+1$ numerum dierum sidereorum, quos annus sideralis complectitur; postremo erit, significando distantiam loci observationis a centro terrae partibus radii aequatorialis expressam per ϱ'

$$\varrho = \varrho' \operatorname{Sin} 8'',5776$$

ubi media parallaxis horizontalis Solis ea est, quam *Cl. Encke* *) derivavit ex diligentissima pervestigatione transituum Veneris per discum Solis annis 1761 et 1769 observatorum. Hinc sequitur

$$k\varrho\,\frac{d\mu}{dt} = 0'',30847\,.\,\varrho'$$

et si $\varrho' \operatorname{Cos}\varphi'$ per observatam poli altitudinem φ et per eccentricitatem meridianorum terrestrium ε exprimitur,

$$k\varrho\,\frac{d\mu}{dt}\operatorname{Cos}\varphi' = 0'',30847\,\frac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon\operatorname{Sin}\varphi^2)}}$$

Habebimus igitur *diurnam* Aberrationem

[29]
$$\begin{cases} \alpha'-\alpha = 0'',30847\,\dfrac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon\operatorname{Sin}\varphi^2)}}\,\operatorname{Cos} t\,\operatorname{Sec}\delta \\ \delta'-\delta = 0'',30847\,\dfrac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon\operatorname{Sin}\varphi^2)}}\,\operatorname{Sin} t\,\operatorname{Sin}\delta \end{cases}$$

ubi stellae angulus horarius $\mu-\alpha$ significatus est per t. Ex quibus formulis elucet, pro superiore culminatione stellae Adscensionem rectam per diurnam Aberrationem quantitate

$$0'',30847\,\frac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon\operatorname{Sin}\varphi^2)}}\,\operatorname{Sec}\delta$$

augeri, pro inferiore eadem quantitate minui, in utraque vero culminatione Declinationem immutatam manere. In calculo igitur hujus Aberrationis completa ratio habebitur pro observationibus in meridiano institutis, si transitus stellarum per medium Tubi meridiani filum non formula **)

$$m + n\,\operatorname{Tang}\delta + c\,\operatorname{Sec}\delta$$

ad meridianum reducuntur, ubi deflexio instrumenti ab orbe meridiano in Aequatore per $m+c$, in polo per $n+c$, vitium collimationis per c (haec omnia tempore expressa et in oriente coeli parte positive sumpta) notata sunt, sed potius formula reducuntur hac

$$m + n\,\operatorname{Tang}\delta + c'\,\operatorname{Sec}\delta$$

*) *I. F. Encke*, Venusdurchgang von 1769. P. 108. Gothae, 1824.

**) Beobachtungen auf der Sternwarte in Königsberg. II. Abtheilung.

ubi

$$c' = c - 0'',020565 \frac{\text{Cos}\,\varphi}{\sqrt{(1-\varepsilon\varepsilon\,\text{Sin}\,\varphi^2)}}$$

Aberratio in Longitudine et Latitudine invenietur in formulis [27] ponendo $\omega = 0$, et pro α et δ Longitudine l et Latitudine b, ex quo reperietur

$$[30] \begin{cases} l'-l = -\varkappa\,\text{Cos}\,(\odot-l)\,\text{Sec}\,b + \frac{1}{2}\varkappa\varkappa\,\text{Sin}\,2(\odot-l)\,\text{Sec}\,b^2 \\ b'-b = -\varkappa\,\text{Sin}\,(\odot-l)\,\text{Sin}\,b - \frac{1}{4}\varkappa\varkappa\,\text{Cos}\,2(\odot-l)\,\text{Tang}\,b \end{cases}$$

Ea membra, quae a productis Aberrationis et Nutationis proficiscuntur, pro Longitudine et Latitudine evanescunt.

Planetarum et Cometarum Aberratio erit

$$\alpha'-\alpha = -r'k\,\triangle\alpha$$
$$\delta'-\delta = -r'k\,\triangle\delta$$

ubi $\triangle\alpha$ et $\triangle\delta$ ipsorum motus significant medio die confectos, r' eorum distantiam ab observatore et

$$k = \frac{20'',255\,.\,365,25637\,\sqrt{(1-ee)}}{1296000}$$
$$\text{Log}\,k = 7\,.\,75646$$

erunt.

Si quis in locis planetae sive cometae Aberrationem ea ratione velit calculo comprehendere, ut loco temporis, pro quo computandi sunt, id tempus assumat, quo lumen ab iisdem proficisceretur, a priore tempore adimenda erit quantitas $r'k$, ubi logarithmus quantitatis k, minutis secundis temporalibus expressae, erit = 2,69298.

Explicatio et usus Tabularum.

Tabulae I & II.

Reductio diei ad annum fictum.

Argumentum omnium hujus operis Tabularum, quae quantitates continent a tempore pendentes, series est dierum anni ficti, incipientis eo temporis momento, quo sit media Longitudo Solaris $= 280°$. Quare Tabulae hae immediate locum habebunt in iis terrae meridianis, pro quibus epocha mediae Longitudinis Solaris sit $= 280°$, sed quia Sol conversionem annuam non integro dierum numero conficit, Tabulae alio quoque anno pro alio meridiano valeant necesse est.

Si differentia hujus meridiani a Parisiensi tempore metita, positiveque sumta adversus orientem significatur per k, differentia meridiani loci terrae, itidem a meridiano Parisiensi numerata, sed adversus occidentem positive sumpta, notatur per d, hujus loci tempori, pro quo quantitates Tabulis contentae inveniendae sunt, priusquam cum ipso in Tabulas introeatur, addenda est $k + d$. Diem, hoc addito numero reductum ad annum fictum, *Diem reductum* appellare placet.

Prima Tabula continet quantitatem k pro quoque anno ab anno 1750 usque ad annum 1850, non solum horis, minutis et minutis secundis, verum etiam millesimis partibus diei expressam. Haec Tabula constructa est secundum ea Solis elementa, quae ex annalibus quondam observationum Solis a *Bradlejo* et a me ipso institutarum derivavi*), quaeque Epocham suppeditant mediae Longitudinis pro anno $1800 + t$ et pro meridiano Parisiensi

$$E = 279° 54' 1'',36 + t \,.\, 27'',605844 + tt \,.\, 0'',0001221805 - f \,.\, 14' 47'',083$$

ubi f pro anno quodam decimi noni saeculi est residuum r, quod restat, si numerus annorum dividatur per 4, pro anno autem decimi octavi saeculi $= r - 4$.

Inde reperietur k secundum formulam:

$$k = \frac{E - 280°}{\text{mot. med. diurn.} \odot}$$

*) *Schumacher*, Astronomische Nachrichten. Nr. 133.

et ponendo medium Solis motum diurnum $=$ 59′ 8″,3302,

$$k = -2^h\,25'\,32'',698 + t\,.\,11'\,12'',18798 + tt\,.\,0'',002975 - f\,.\,6^h$$

sive erit decimalibus diei partibus expressum,

$$k = -0{,}10107289 + t\,.\,0{,}0077799535 + tt\,.\,0{,}000000034433 - \tfrac{1}{4}f.$$

Prior Tabula computata est secundum has formulas, posterior Tabula meridierum continet differentias, quibus spectatissimae speculae Astronomicae distant a specula Parisiensi, sive quantitatem d ad eas determinationes, quae nunc mihi certissimae videntur.

Exemplum. Quaeritur Reductio dierum pro anno 1829 et pro specula Regiomontana.

Tab. I.	1829.....	$-3^h\ 0'\,36'',7$, sive	$-0{,}125$
- II.	Regiomontum..	$-1^h\,12'\,39'',0$, sive	$-0{,}050$
Reductio dierum anni	1829.....	$-4^h\,13'\,15'',7$, sive	$-0{,}175$

Tabula III.

Praecessio Aequinoctiorum media.

Haec Tabula secundum formulas [2], [7] et [16] supra traditas calculata est, eique explicandae supersedere possumus, quum formulae pro annuis variationibus Adscensionis rectae, Declinationis, Longitudinis et Latitudinis inferiori Tabulae margini adscriptae sint.

Praecessiones annuae stellarum a *Bradlejo* observatarum, quae pro 1755 et pro 1800 in „*Fundamentis Astronomiae pro Anno* 1755“ expositae sunt, secundum valores ipsorum m et n paulo diversos computatae sunt. Haud superfluum duco, correctiones hic promere illis addendas, ut congruant cum nova illa Praecessionis determinatione, ad quam condita est Tabula III.

Significando adhibitos valores Constantium, a quibus annuae Praecessiones in Adscensione recta et Declinatione pendent, per m et n, valores nunc adhibendos per $m + \Delta m$ et $n + \Delta n$, Praecessiones prioribus computatas per p, correctas per $p + \Delta p$, habebimus pro $1750 + t$

$$m = 45'',99592 + t\,.\,0'',0003086450$$
$$n = 20'',05039 - t\,.\,0'',0000970204$$

porro

$$m + \Delta m = 46'',02824 + t\,.\,0'',0003086450$$
$$n + \Delta n = 20'',06442 - t\,.\,0'',0000970204$$

ergo

$$\Delta m = +0'',03232;\quad \Delta n = +0'',01403$$

Inde sequitur pro Adscensione recta

$$p = m + n\ \mathrm{Tang}\,\delta\ \mathrm{Sin}\,\alpha$$
$$\Delta p = \Delta m + \Delta n\ \mathrm{Tang}\,\delta\ \mathrm{Sin}\,\alpha$$

et pro Declinatione

$$p = n \operatorname{Cos} \alpha$$
$$\Delta p = \Delta n \operatorname{Cos} \alpha$$

et eliminando $\operatorname{Tang} \delta \operatorname{Sin} \alpha$ et $\operatorname{Cos} \alpha$, pro Adscensione recta

$$\Delta p = \Delta m - \frac{m}{n} \Delta n + \frac{p}{n} \Delta n$$

et pro Declinatione

$$\Delta p = \frac{p}{n} \Delta n$$

Hae quantitates numeris expressae erunt, pro Adscensione recta

$$1755 \,.\, \Delta p = + 0'',00013 + p \,.\, 0{,}0006998$$
$$1800 \quad = + 0'',00012 + p \,.\, 0{,}0006999$$

et pro Declinatione

$$1755 \,.\, \Delta p = p \,.\, 0{,}0006998$$
$$1800 \,. \quad = p \,.\, 0{,}0006999$$

ex quo intelligimus, non solum pro 1755 sed etiam pro 1800 correctas Praecessiones cum sufficiente approximatione nos accepturos esse, multiplicando valores in „*Fund. Astr.*“ traditos per 1,0007.

Dum Tabulae hujus operis calculabantur, summus Geometra *Poisson* in lucem edidit disquisitionem de motu terrae circa centrum gravitatis *), in qua, theoria Praecessionis simplicissime et elegantissime tractata, formulas dedit, quae quum Praecessionem Lunisolarem secundum meam determinationem exhibeant, in quantitatibus, quae a motibus orbitae terrestris saecularibus dependent, a *Laplacianis* [2] paullulum differunt. Sed computatio harum Tabularum nimis longe processerat, quam ut potuerim novas illas formulas adhibere. Caeterum sperandum est, fore, ut saeculares orbitae terrestris variationes mox aliquis secundum novam methodum ab Ill. *Gaussio* promulgatam **) et a Cel. *Nicolaio* pro unica epocha (1800) adhibitam ***) ad calculos sit vocaturus. Quo facto, facile erit, formulas [2] corrigere secundum theoriam Poissonianam, ut in iis nihil aliud incerti resideat, quam quod a planetarum massis, non satis cognitis, oriatur.

Tabulae IV & V.

Nutatio pro Longitudine et pro Adscensione recta media Solis atque Obliquitas Ecliptices apparens.

Nutatio, pro Longitudine et pro Obliquitate Ecliptices in his Tabulis adhibita, computata est secundum formulas [21]. Quarta Tabula prima continet columna correctionem omnibus Longitudinibus communem, quatenus a Longi-

*) Mémoire sur le mouvement de la terre etc. lu à l'académie des sciences le 30. Avril 1827.
**) *Gauss*, Determinatio Attractionis etc. Gottingae, 1818.
***) *Bode*, Astronomisches Jahrbuch für 1820.

tudine Nodi Lunaris dependentem, secunda vero columna similem tempore expressam correctionem mediae Adscensionis rectae Solaris, tertia columna mediam Ecliptices Obliquitatem cum Nutatione Lunari conjunctam. Quinta Tabula continet Nutationem Solarem pro Longitudine et Obliquitate. Supervacaneum videbatur, peculiarem addere Tabulam pro partibus formularum [21] a duplici Longitudine Lunari pendentibus, quippe exiguis et brevis insuper periodi. Utriusque Tabulae Argumentum *dies reductus* est.

Media Ecliptices Obliquitas, quae subest Tabulae IV, non computata est secundum formulam [2], sed secundum eam formulam, quam ex solis observationibus derivavi *), nempe pro $1800 + t$

$$23^\circ\,27'\,54'',8 - t\,.\,0'',457$$

Quam formulam duabus postea confirmatam determinationibus, nempe

1815 ..... $23^\circ\,27'\,47'',42$

1825 ..... $43'',78$

adhibita disquisitione omnium Regiomonti circa Solem usque ad annum 1825 institutarum observationum, illi duxi anteponendam esse, quia negari non potest, theoriam, cui formula illa superstructa sit, incerti aliquid habere in massis planetarum, observationes contra minimam incertitudinem relinquere de annua Obliquitatis diminutione.

Exemplum. Quaeritur Nutatio pro Longitudine et apparens Obliquitas Ecliptices pro meridie Regiomontano die 23. April. 1829.

Adhibitis Tabulis I et II reductio invenietur dierum anni $1829 = -0{,}175$; ergo *dies reductus* erit Apr. 22,825, pro quo Tabulae suppeditant

	Nut. Long.	Obl. Ecl.
Tab. IV.....	$+ 1'',91$	$23^\circ\,27'\,32'',40$
— V.	$- 1'',22$	$+ 0'',24$
Summa.....	$+ 0'',69$	$23^\circ\,27'\,32'',64$

Tabulae VI & VII.

Conversio Temporis Solaris medii in Tempus sidereum, et vice versa.

Tabula sexta, computata ab *Angero* meo, mediam continet tempore expressam Adscensionem rectam Solis, conjunctam cum Nutatione Solari pro omnibus anni ficti mediis meridiebus, eamque calculatam esse apparet secundum formulam

$$18\;40' + n\,.\,3'\,56'',555347 - 0'',081695\,\mathrm{Sin}\,2\odot$$

in qua n omnes numeros integros ab 0 usque ad 365 significat. Quodsi numeris illa contentis Nutatio addatur ex secunda columna Tab. IV depromenda,

*) Fundamenta Astronomiae etc. P. 61.

quae a Longitudine Nodi Lunaris dependet, medias habebimus a puncto Aequinoctiorum vernali numeratas Solis Adscensiones rectas pro mediis anni ficti meridiebus, quas si pro meridiebus meridiani desideramus, cujus sit a Parisiensi differentia occidentalis $= d$, addendus est motus per tempus $k+d$ confectus (Tab. I et II), quem Tab. VII prima columna subministrat. Si e. g. mediae quaeruntur Adscensiones rectae pro mediis meridiebus Regiomontanis anni 1829, reductionem dierum habemus, ut supra $= -4^h 13' 15'',7$, cui respondet in Tab. VII. Col. 1 motus $-41'',605$, qui conjunctus cum Nutatione Lunari Tab. IV. Col. 2 exhibet

pro	Jan. 0	$-41'',380$
	Apr. 10	$-41,476$
	Jul. 19	$-41,572$
	Oct. 27	$-41,669$
	Dec. 66	$-41,766$

qui numeri, numeris Tab. VI additis, quaesitas suppeditant medias Adscensiones rectas Solis pro mediis meridiebus Regiomontanis anni 1829: e. g. pro Apr. 23 addendae $-41'',488$, quo invenietur tempus sidereum in medio meridie hujus diei $= 2^h 4' 49'',191$.

Si tempus medium M convertendum est in tempus sidereum S, habebimus

$$S = M + \text{Num. Tab. VI} + \text{Nut.} + \text{mot}(M+k+d)$$

ubi motus per tempus $M+k+d$ confectus e *prima* columna Tab. VII depromendus est.

Exemplum. Quaeritur tempus sidereum, quod respondeat tempori medio 1829 Apr. 23. $8^h 16' 23'',7$ Regiom.

Tempus medium	$8^h 16' 23'',700$
Apr. 23. Tab. VI	$2^h 5' 30'',679$
Nutatio. Tab. IV. Col. 2.	$+ 0'',116$
$M+k+d = 4^h 3' 8'',0$. Tab. VII Col. 1.	$+39'',941$
Tempus sidereum	$10^h 22' 34'',436$

Eadem Tab. VI aeque commode poterit adhiberi ad conversionem temporis siderei in tempus medium, ad quem usum Tabulae VII alia adjecta est columna, quae medium motum Solarem horis, minutis et minutis secundis temporis siderei expressum continet. Significando

$$S - (\text{Num. Tab. VI} + \text{Nut.})$$

per M', habebimus

$$M = M' - \text{mot}(M' + k + d)$$

ubi motus pro tempore $M' + k + d$ e *secunda* columna depromendus est.

Exemplum. Quaeritur tempus medium, quod respondeat tempori sidereo 1829 Apr. 23. $10^h 22' 34'',436$ Regiom.

Tempus sidereum	$10^h\,22'\,34'',436$	
Apr. 23. Tab. VI	$2^h\,5'\,30'',679$	
Nutatio Tab. IV. Col. 2	$+0'',116$	$2^h\,5'\,30'',795$
M'	$8^h\,17'\,3'',641$	
$M'+k+d=4^h\,3'\,47'',941$. Tab. VII. Col. 2	$-39'',940$	
Tempus medium	$8^h\,16'\,23'',701$	

Tabulae VIII & IX.

Valores quantitatum ad computationem locorum apparentium stellarum fixarum generaliter inservientium.

Apparentem stellae fixae Adscensionem rectam α', Declinationem δ' ex media ejus Adscensione recta α, Declinatione δ, datis pro initio anni, secundum formulas sequentes computandas esse suppono:

$$\begin{aligned}
\alpha' = \alpha &+ \tau\,[m + n\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha] + \tau\,.\,\mu \\
&- [15'',39537 + 6'',68299\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha]\,\mathrm{Sin}\,\mathfrak{Q} \\
&- 8'',97707\,\mathrm{Tang}\,\delta\,\mathrm{Cos}\,\alpha\,.\,\mathrm{Cos}\,\mathfrak{Q} \\
&+ [0'',18538 + 0'',08046\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha]\,\mathrm{Sin}\,2\mathfrak{Q} \\
&+ 0'',08773\,\mathrm{Tang}\,\delta\,\mathrm{Cos}\,\alpha\,.\,\mathrm{Cos}\,2\mathfrak{Q} \\
&- [1'',22542 + 0'',53194\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,\alpha]\,\mathrm{Sin}\,2\odot \\
&- 0'',57990\,\mathrm{Tang}\,\delta\,\mathrm{Cos}\,\alpha\,.\,\mathrm{Cos}\,2\odot \\
&- 20'',255\,\mathrm{Cos}\,\omega\,.\,\mathrm{Sec}\,\delta\,\mathrm{Cos}\,\alpha\,.\,\mathrm{Cos}\,\odot \\
&- 20'',255\,\mathrm{Sec}\,\delta\,\mathrm{Sin}\,\alpha\,.\,\mathrm{Sin}\,\odot \\
\delta' = \delta &+ \tau\,.\,n\,\mathrm{Cos}\,\alpha + \tau\,.\,\mu' \\
&- 6'',68299\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,\mathfrak{Q} \\
&+ 8'',97707\,\mathrm{Sin}\,\alpha\,\mathrm{Cos}\,\mathfrak{Q} \\
&+ 0'',08046\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,2\mathfrak{Q} \\
&- 0'',08773\,\mathrm{Sin}\,\alpha\,\mathrm{Cos}\,2\mathfrak{Q} \\
&- 0'',53194\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,2\odot \\
&+ 0'',57990\,\mathrm{Sin}\,\alpha\,\mathrm{Cos}\,2\odot \\
&+ 20'',255\,[\mathrm{Sin}\,\alpha\,\mathrm{Sin}\,\delta\,\mathrm{Cos}\,\omega - \mathrm{Cos}\,\delta\,\mathrm{Sin}\,\omega]\,\mathrm{Cos}\,\odot \\
&- 20'',255\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,\delta\,.\,\mathrm{Sin}\,\odot
\end{aligned}$$

In his formulis, ubi τ significat tempus ab initio anni numeratum (toto anno pro unitate sumpto), μ et μ' annuos motus proprios in Adscensione recta et Declinatione, ea membra, quae a quadratis productisque Aberrationis et Nutationis nec non a duplici Longitudine Lunari pendent, neglecta sunt. Priora, ut supra demonstratum est, tantum pro stellis polo proximis alicujus momenti sunt, posteriora, quae locum stellae nunquam decima minuti secundi parte respectu circuli maximi mutant, brevi insuper circumscripta sunt periodo, quo fit, ut ipsorum effectus in medium saepius repetitarum stellae observationum

longe sit minor. Hae igitur formulae in plurimis casibus in locum completarum, quas supra explicui, substitui poterunt.

Statuendo

$$6'',68299 = ni; \quad 15'',39537 - mi = h$$
$$0'',08046 = ni'; \quad 0'',18538 - mi' = h'$$
$$0'',53194 = ni''; \quad 1'',22542 - mi'' = h''$$

formulae, quas modo memoravi, ad hanc formam redigi possunt:

$$\begin{aligned}\alpha' = \alpha &+ [\tau - i \operatorname{Sin}\Omega + i' \operatorname{Sin} 2\Omega - i'' \operatorname{Sin} 2\odot] (m + n \operatorname{Tang}\delta \operatorname{Sin}\alpha)\\ &- [8'',97707 \operatorname{Cos}\Omega - 0'',08773 \operatorname{Cos} 2\Omega + 0'',5799 \operatorname{Cos} 2\odot] \operatorname{Tang}\delta \operatorname{Cos}\alpha\\ &- 20'',255 \operatorname{Cos}\omega \operatorname{Cos}\odot . \operatorname{Sec}\delta \operatorname{Cos}\alpha\\ &- 20'',255 \operatorname{Sin}\odot . \operatorname{Sec}\delta \operatorname{Sin}\alpha\\ &+ \tau . \mu\\ &- h \operatorname{Sin}\Omega + h' \operatorname{Sin} 2\Omega - h'' \operatorname{Sin} 2\odot\end{aligned}$$

$$\begin{aligned}\delta' = \delta &+ [\tau - i \operatorname{Sin}\Omega + i' \operatorname{Sin} 2\Omega - i'' \operatorname{Sin} 2\odot] n \operatorname{Cos}\alpha\\ &+ [8'',97707 \operatorname{Cos}\Omega - 0'',08773 \operatorname{Cos} 2\Omega + 0'',5799 \operatorname{Cos} 2\odot] \operatorname{Sin}\alpha\\ &- 20'',255 \operatorname{Cos}\omega \operatorname{Cos}\odot [\operatorname{Tang}\omega \operatorname{Cos}\delta - \operatorname{Sin}\delta \operatorname{Sin}\alpha]\\ &- 20'',255 \operatorname{Sin}\odot . \operatorname{Sin}\delta \operatorname{Cos}\alpha\\ &+ \tau . \mu'\end{aligned}$$

Sequentibus autem adhibitis significationibus

$$\begin{aligned}A &= \tau - i \operatorname{Sin}\Omega + i' \operatorname{Sin} 2\Omega - i'' \operatorname{Sin} 2\odot\\ B &= -8'',97707 \operatorname{Cos}\Omega + 0'',08773 \operatorname{Cos} 2\Omega - 0'',57990 \operatorname{Cos} 2\odot\\ C &= -20'',255 \operatorname{Cos}\omega \operatorname{Cos}\odot\\ D &= -20'',255 \operatorname{Sin}\odot\\ E &= -h \operatorname{Sin}\Omega + h' \operatorname{Sin} 2\Omega - h'' \operatorname{Sin} 2\odot\\ a &= m + n \operatorname{Tang}\delta \operatorname{Sin}\alpha\\ b &= \operatorname{Tang}\delta \operatorname{Cos}\alpha\\ c &= \operatorname{Sec}\delta \operatorname{Cos}\alpha\\ d &= \operatorname{Sec}\delta \operatorname{Sin}\alpha\\ a' &= n \operatorname{Cos}\alpha\\ b' &= -\operatorname{Sin}\alpha\\ c' &= \operatorname{Tang}\omega \operatorname{Cos}\delta - \operatorname{Sin}\delta \operatorname{Sin}\alpha\\ d' &= \operatorname{Sin}\delta \operatorname{Cos}\alpha\end{aligned}$$

habebimus

$$\alpha' = \alpha + Aa + Bb + Cc + Dd + \tau\mu + E$$
$$\delta' = \delta + Aa' + Bb' + Cc' + Dd' + \tau\mu'$$

ubi quantitates A, B, C, D, E, quum pendeant a tempore solo, non a stellae loco, in Tabulas, quarum Argumentum sit tempus, redigi possunt, contra quantitates a, b, c, d, a', b', c', d' a stellae tantum loco dependent, ipsaque a et a' annuae sunt, quae in catalogis stellarum inveniuntur, Praecessiones in Adscensione recta et Declinatione.

Secundum has formulas computatio apparentis stellae cujusdam loci e duabus partibus constat, quarum altera postulat logarithmos quantitatum A, B, C, D, τ et quantitatem E, quae omnibus stellis communes sunt, altera

contra logarithmos quantitatum a, b, c, d, μ; a', b', c', d' μ' a loco stellae ejusque motu proprio dependentium.

Priorem hujus computationis partem Tabula VIII pro decimo quoque die annorum 1750 usque ad 1849 incl. continet. Logarithmos ipsorum A et B amici computaverunt mihi carissimi, *Dr. a Steinheil* et *Knorre*, qui computationem pro annis 1750 usque ad annum 1800 iterabant, et *Olufsen*, qui computationem susceperat pro annis 1800 usque ad annum 1850. Quo labore haud contemnendam arbitror laudem meruisse homines de Astronomia alias optime meritos. Quod reliquum erat computationis, id ipse vocavi ad calculos.

Jam accuratius explicabo Tabulam. Quantitates i, i', i'' inveniuntur ponendo pro m et n valores [16]

1750.....	$i = 0'',33308$;	$i' = 0'',00401$;	$i'' = 0'',02651$
1850.....	$0'',33324$;	$0'',00401$;	$0'',02652$

et porro

1750.....	$h = 0'',0645$;	$h' = 0'',0008$;	$h'' = 0'',0051$
1850.....	$0'',0468$;	$0'',0006$;	$0'',0037$

Differentias tempori esse proportionales, supponere possumus. Locus Nodi Lunaris secundum *Bürgianas* Tabulas pro eo temporis momento, quo media Longitudo Solaris initio anni 1800 aequabat 280°, suppositus est $= 33° 15' 25'',9$; ejusque motus retrogradus per annum tropicum $= 19° 20' 29'',53$. Longitudinibus Solis, depromptis e Tabulis meis, adjeci $+ 20'',25$ propter Aberrationem. Ita Longitudines Solares ($\odot$) necessarias ad computandam Tab. VIII accepi ex sequentibus formulis, in quibus m significat Mediam Longitudinem; Media vero Anomalia pro tempore $1800 + t$ posita

$$\mu = m - [279° 30' 8'',39 + t \,.\, 61'',5171 + tt \,.\, 0'',0002037965],$$

Eccentricitate

$$e = 0{,}0167922585 - t \,.\, 0'',0000004359$$

$$1750 \ldots . \odot = m + 20'',25 + 1° 55' 37'',4889 \operatorname{Sin} \mu + 1' 12'',9147 \operatorname{Sin} 2\mu + 1'',0627 \operatorname{Sin} 3\mu + 0'',0177 \operatorname{Sin} 4\mu$$

$$1850 \ldots . \odot = m + 20'',25 + 1° 55' 18'',0710 \operatorname{Sin} \mu + 1' 12'',5071 \operatorname{Sin} 2\mu + 1'',0538 \operatorname{Sin} 3\mu + 0'',0175 \operatorname{Sin} 4\mu$$

Annus tropicus, unde dependet τ, est

pro 1750 $= 365^d,242223490$

pro 1850 $= 365^d,242216604$

Tabula his adhibitis elementis calculata logarithmos continet ipsorum A, B, C, D, τ quantitatemque E, quae quum omnibus sit Adscensionibus rectis communis, neque unquam plus quam centesimas partes minuti secundi transcendat, in pluribus casibus negligi poterit. Haec omnia in Tabula inveniuntur pro initio annorum fictorum 1750....1849, et pro iis temporis momemtis, quae 10, 20, 30....370 dies sidereos sequuntur initium. Ea tempora consignavi Jan. 0,10....Dec. 36, pro annis autem intercalaribus Jan. 1,11....Dec. 36. Itaque Anno tropico, diebus expresso, significatoque

per T, quantitates, unde dependent ipsa A, B etc... pro anno $1800 + t$, adhibitis formulis

$$\tau = \frac{10n}{T+1}$$

$$\Omega = 33°15'25'',9 - t \,.\, 19°20'29'',53 - \frac{10n}{T+1} \,.\, 19°20'29'',53$$

$$m = 280° + \frac{10n \,.\, 360°}{T+1}$$

calculatae sunt, ubi n omnes numeros integros a 0 usque ad 37 complectitur.

Ex hac Tabulae dispositione apparet, ipsam immediate valere pro 18^h 40′ temporis siderei ejus meridiani, pro quo Epocha mediae Longitudinis Solaris sit = 280°. Qua si velis pro eodem tempore sidereo, sed alio meridiano uti, Argumentum erit *Dies reductus*, si velis pro alio tempore sidereo, per g designato, huic Argumento addenda erit quantitas

$$\frac{g - 18^h 40'}{24^h}$$

quae semper positive et < 1 erit sumenda, sive addenda erit quantitas

$$g' = \frac{g + 5^h 20'}{24^h}$$

omisso die integro, si $g + 5^h 20' \gtrless 24^h$. Quantitas illa g' in initio Tabulae (P. 16) invenitur tum pro dato tempore sidereo horis et minutis, tum gradibus expressa. Postremo indicatum volo, communem dies numerandi consuetudinem ab ea abhorrere, quae sit in Tabulis supposita. Etenim illa dies inchoat a momento Solis culminantis, haec a momento, quo culminet illud in Aequatore situm punctum, cujus sit Adscensio recta = 280° sive $18^h 40'$. Ergo simul ut Adscensio recta Solaris tempus sidereum g assecuta erit, ita ut hoc illam antegrediatur, diei, secundum communem consuetudinem numerato, unus dies est adnumerandus. Quibus omnibus in unum collectis, haec prodibit Pag. 16 memorata regula ad formandum Argumentum illud, quocum ingrediendum est in Tabulam, nempe:

Arg. = *Diei reducto* + g' + i

ubi $i = 0$ *ab initio anni usque ad tempus, ubi* $A.R.\odot = g$, *postea vero* = + 1.

Nunc varios hujus Tabulae usus adhibitis exemplis accuratius explicare in animo est.

I. Si quaeruntur $\alpha' - \alpha$ et $\delta' - \delta$ in hunc finem, ut Ephemeris stellae inveniatur pro Culminationum momentis, sive propositum est, observationum ejusdem stellae in meridiano factarum seriem ad initium anni, quo sunt institutae, reducere, erit $g = \alpha$, unde $g' + i$ regulae convenienter reperitur. Sed Tabulae VIII parum commodus usus est ad interpolandos logarithmos ipsorum A, B, inprimis ipsorum C et D, qua de caussa melius erit hanc interpolationem evitare. Hoc eo fit, si computemus $\alpha' - \alpha$ et $\delta' - \delta$ pro iis temporis momentis, pro quibus quantitates A, B etc. data sunt in Tabula;

ex qua facili interpolatione desideratam ephemerida derivare poterimus pro ipsis Culminationis momentis. Haec ego exemplo illustraturus supponam, plures Mensibus Novembri et Decembri anni 1828 Regiomonti factas in Meridiano observationes stellae α *Lyrae* simul esse reducendas. Quoniam $\alpha = 18^h\,31'\,6'',9$, habebimus (Pag. 16) $g' = 0,994$ (i erit $= 0$, quia A. R. $\odot$ nondum assecuta est tempus sidereum, pro quo calculus sit instituendus); Tab. I et II diei reductionem suppeditant $= +\,0,067$. Itaque habebimus Tabulae Argumentum $=$ observationis diei $+\,1,061$. Pro stella hac, quum sit

$\alpha = 277°\,46'\,44''$, $\delta = +\,38°\,37'\,42''$, $\mu = +\,0'',277$, $\mu' = +\,0'',270$,

inveniemus

Log. a, b, c, d, μ	1,4796	9,0341	9,2387	0,1032n	9,4425
Log. a', b', c', d', μ'	0,4337	9,9960	9,9812	8,9268	9,4314

Quos logarithmos quum logarithmis Tabulae adjecerimus, habebimus producta singula

pro Adscensione recta

	Aa	Bb	Cc	Dd	$\tau\mu$	E	$\alpha'-\alpha$	
Oct. 27	$+\,26'',79$	$+\,0'',92$	$+\,2'',70$	$-\,14'',04$	$+\,0'',23$	$+\,0'',01$	$+\,16'',61$	$-\,3'',18$
Nov. 6	$+\,27,46$	$+\,0,94$	$+\,2,35$	$-\,17,56$	$+\,0,23$	$+\,0,01$	$+\,13,43$	$-\,2,62$
16	$+\,28,23$	$+\,0,96$	$+\,1,93$	$-\,20,56$	$+\,0,24$	$+\,0,01$	$+\,10,81$	$-\,1,97$
26	$+\,29,08$	$+\,0,99$	$+\,1,45$	$-\,22,94$	$+\,0,25$	$+\,0,01$	$+\,8,84$	$-\,1,25$
Dec. 6	$+\,30,01$	$+\,1,00$	$+\,0,92$	$-\,24,61$	$+\,0,26$	$+\,0,01$	$+\,7,59$	$-\,0,47$
16	$+\,31,00$	$+\,1,01$	$+\,0,36$	$-\,25,52$	$+\,0,26$	$+\,0,01$	$+\,7,12$	$+\,0,36$
26	$+\,32,02$	$+\,1,02$	$-\,0,21$	$-\,25,63$	$+\,0,27$	$+\,0,01$	$+\,7,48$	

pro Declinatione

	Aa'	Bb'	Cc'	Dd'	$\tau\mu'$	$\delta'-\delta$	
Oct. 27	$+\,2'',41$	$+\,8'',40$	$+\,14'',90$	$+\,0'',94$	$+\,0'',22$	$+\,26'',87$	$-\,1'',39$
Nov. 6	$+\,2,47$	$+\,8,62$	$+\,12,99$	$+\,1,17$	$+\,0,23$	$+\,25,48$	$-\,1,82$
16	$+\,2,54$	$+\,8,84$	$+\,10,67$	$+\,1,37$	$+\,0,24$	$+\,23,66$	$-\,2,22$
26	$+\,2,62$	$+\,9,04$	$+\,8,01$	$+\,1,53$	$+\,0,24$	$+\,21,44$	$-\,2,55$
Dec. 6	$+\,2,70$	$+\,9,20$	$+\,5,10$	$+\,1,64$	$+\,0,25$	$+\,18,89$	$-\,2,83$
16	$+\,2,79$	$+\,9,30$	$+\,2,01$	$+\,1,70$	$+\,0,26$	$+\,16,06$	$-\,3,01$
26	$+\,2,88$	$+\,9,33$	$-\,1,14$	$+\,1,71$	$+\,0,27$	$+\,13,05$	

Ex his valoribus ipsorum $\alpha'-\alpha$ et $\delta'-\delta$ valores pro diebus observationum interpolandi sunt, diebus, ut supra inventum est, addendo quantitatem $+\,1,061$, sive quod idem est, numeri computati non pro diebus adscriptis valent, sed pro his $-\,1,061$. Igitur facillime res expedietur, supponendo, eos pro proximo die integro valere, eorumque variationem addendo pro fractione diei. Itaque in hoc nostro exemplo valores inventi quantitatum $\alpha'-\alpha$

et $\delta' - \delta$, addita variatione per + 0,061 dies, valent pro Oct. 26, Nov. 5, 15 etc., atqui haec variatio sine sensibili errore invenietur, multiplicando fractionem diei per vigesimam partem summae differentiae antecedentis et insequentis. Hoc modo Ephemeris pro Culminationibus *α Lyrae* in Meridiano Regiomontano invenitur:

1828	A. R.		Decl.	
Oct. 26	+ 16,59		+ 26,86	
Noc. 5	+ 13,41	− 3,18	+ 25,47	− 1,39
15	+ 10,80	− 2,61	+ 23,65	− 1,82
25	+ 8,83	− 1,97	+ 21,43	− 2,22
Dec. 5	+ 7,58	− 1,25	+ 18,87	− 2,56
15	+ 7,12	− 0,46	+ 16,04	− 2,83
25	+ 7,48	+ 0,36	+ 13,03	− 3,01

II. Si plures singulae stellae observationes reducendae sunt ad initium anni, e. g. ad Epocham catologi stellarum componendi, neque quod ex unaquaque observatione separatim prodeat, sed medium illud, quod ex observationibus universis manet, sciscitamur, commodissime res tractari poterit, adhibitis quantitatibus ipsis A, B, C, D, τ, non eorum logarithmis. Quo in casu Tabulae VIII usus erit ad condendam Tabulam non-logarithmicam, mutandam in hoc, ut A et τ non ad initium cujusque anni, sed ad Epocham T, ad quam reducendae sint observationes, referantur. Quod fieri potest valoribus Tabula contentis ipsorum A et τ pro quoque anno, addendo numerum integrum $t - T$, t significante annum observationis. Tabula non-logarithmica commode poterit interpolari, quod vel commodius fieri potest adhibendo valores quantitatum C et D pro unoquoque die, datos per Tab. IX. Unicuique igitur loco apparenti observato valores adscribemus quantitatum A, B, C, D, τ, E, reductionemque habebimus medii arithmetici, ex omnibus observationibus collecti, quum producta addiderimus coefficientium a, b etc. et mediorum arithmeticorum ex omnibus valoribus quantitatum A, B etc., sumptis signis inversis.

III. Si unicus stellae locus apparens separatim est calculandus, etiam hoc poterit satis commode fieri ope hujus nostrae Tabulae, duabus quidem rationibus, quarum altera nullam aliam praeparationem postulat, altera commodior est, quum necessariam jam adhibuerimus praeparationem. Methodus prior interpolationem supponit Logarithmorum ipsorum A et B in Tabula VIII, sed quia logarithmi ipsorum C et D in eadem Tabula non satis uniformiter crescunt, qui commode interpolari possint, Tabulam IX adjeci, quae hos logarithmos continet pro unoquoque die non solum pro 1750 sed etiam pro 1850. Hoc modo quum variatio saecularis innotuerit, verus valor inveniri poterit pro intermediis annis. Sed in hoc illud notandum est, in logarithmis

ibi tantum esse interpolandum, ubi quantitates, ad quas pertinent, signum algebraicum non mutent, interpolationem vero in vicinia transituum ab uno ad alterum signum magna laborare incommoditate. Hinc sequitur, usum hujus methodi in quibusdam casibus hoc poscere, ut inter ipsos numeros, ad quos logarithmi pertineant, interpoletur. Exemplo utar computatione $\alpha'-\alpha$ et $\delta'-\delta$ pro Culminatione stellae α *Lyrae* die 26. Octob. 1828 pro meridiano Regiomontano:

Dies datus	1828 Octob. 26
Reductio diei	+ 0,067
Dies reductus	1828 Octob. 26,067
$g = 18^h\ 31',1$ ..... $g' =$	+ 0,994
i	0,
Argumentum Tabulae	1828 Octob. 27,061

Huic Argumento respondent in Tabb. VIII et IX Log A, B, C, D, τ ..... 9,9485; 0,9283; 1,1917; 1,0448; 9,9135, quorum ope, adhibitis valoribus coefficientium a, b, etc. supra datis, inveniuntur:

$Aa =$	+ 26″,80	$Aa' =$	+ 2″,41
$Bb =$	+ 0,92	$Bb' =$	+ 8,40
$Cc =$	+ 2,69	$Cc' =$	+ 14,89
$Dd =$	− 14,06	$Dd' =$	+ 0,94
$\tau\mu =$	+ 0,23	$\tau\mu' =$	+ 0,22
$E =$	+ 0,01		
$\alpha'-\alpha =$	+ 16,59	$\delta'-\delta =$	+ 26,86

Si haec ratio Tabulas VIII et IX adhibendi in usum vocatur, commodius erit, Cc' calculare ex duabus iisque separatis partibus $C\,\mathrm{Tang}\,\omega\,\mathrm{Cos}\,\delta - C\,\mathrm{Sin}\,\delta\,\mathrm{Sin}\,\alpha$, quam quantitatem c' quaerere ex formula e duobus terminis composita.

Altera methodus Tabulae mutationem desiderat. Quoniam habemus:

$$\begin{aligned}\alpha'-\alpha &= Am + [An\,\mathrm{Sin}\,\alpha + B\,\mathrm{Cos}\,\alpha]\,\mathrm{Tang}\,\delta \\ &\quad + [C\,\mathrm{Cos}\,\alpha + D\,\mathrm{Sin}\,\alpha]\,\mathrm{Sec}\,\delta \\ &\quad + \tau\mu + E \\ \delta'-\delta &= An\,\mathrm{Cos}\,\alpha - B\,\mathrm{Sin}\,\alpha \\ &\quad + [-C\,\mathrm{Sin}\,\alpha + D\,\mathrm{Cos}\,\alpha]\,\mathrm{Sin}\,\delta + C\,\mathrm{Tang}\,\omega\,\mathrm{Cos}\,\delta \\ &\quad + \tau\mu'\end{aligned}$$

formulae, ponendo

$$\begin{aligned} g\,\mathrm{Cos}\,G &= An & h\,\mathrm{Cos}\,H &= D \\ g\,\mathrm{Sin}\,G &= B & h\,\mathrm{Sin}\,H &= C \end{aligned}$$

hanc formam induunt:

$$\alpha'-\alpha = Am + E + g\,\mathrm{Sin}\,(G+\alpha)\,\mathrm{Tang}\,\delta + h\,\mathrm{Sin}\,(H+\alpha)\,\mathrm{Sec}\,\delta + \tau\mu$$

$$\delta'-\delta = g\,\mathrm{Cos}\,(G+\alpha) + h\,\mathrm{Cos}\,(H+\alpha)\,\mathrm{Sin}\,\delta + C\,\mathrm{Tang}\,\omega\,\mathrm{Cos}\,\delta + \tau\mu'$$

Quum quantitates

$$Am + E;\quad \mathrm{Log}\,g;\quad G;\quad \mathrm{Log}\,h;\quad H;\quad C\,\mathrm{Tang}\,\omega;\quad \mathrm{Log}\,\tau$$

quae a stellarum locis non dependent, in Tabulam redegerimus, cujus sit Argumentum idem, quod jam in Tab. VIII est usurpatum, locum stellae separatim quaesitum facillime computare poterimus, quia omnes hae quantitates facile possunt interpolari. Quam Tabulae VIII immutationem anno 1822 *) quum commendavissem, Cel. *Enckius* in Ephemeridibus suis nunquam satis laudandis Tabulam dedit, quae tamen in hoc abhorret ab illa, qnae hic explicata est, quod non tempori sidereo sed medio tempori est accomodata. Quae dispositio, etiamsi singulus tantum stellae locus computandus est, meo judicio non commodior est quam altera, quam in aliis casibus veram Tabularum reductionibus inservientium perfectionem duco, quoniam, labore non aucto, reductionem suppeditat pro ipsis Culminationum momentis. Optandum est, fore ut Ephemerides in posterum semper similem contineant Tabulam. Primo ejusmodi Tabulas pro saeculo ab anno 1750 usque ad annum 1850 huic operi annectere mihi in animo erat, sed, ne volumen nimis crescat, praetuli, annuis illas Ephemeridibus relinquere.

Quo facilior redderetur usus Tabulae VIII, logarithmos ipsorum a, b, c, d; a', b', c', d', et si forte cito variantur, annuas quoque variationes pro 500 stellis lucidis computavit Celeb. *Schumacherus* noster **); *Franciscus Baily* eosdem dedit pro anno 1830 pro stellis 2881 ***). Ejusmodi logarithmos hic non adjeci, primum, quia illos possidemus pro numero stellarum haud exiguo, deinde, quia pro stella, cujus locus semel tantum nsurpatur, commodius est, immutationem Tabulae VIII explicatam, hos logarithmos non supponentem adhibere, postremo, quia parvi illos calculandi laboris hoc est praemium, ut, si pro ipso reducendarum observationum tempore quaeruntur, majori gaudeant praecisione, quam si depromuntur e catalogo, qui pro alio tempore illos praebeat. Ceterum pro stellis fundamentalibus horum logarithmorum esset frequens usus, sed pro his peculiares sunt in hoc libro compositae Tabulae, longe commodiores; pro stellis vero in specula Grenovicensi saepius observatis in hunc finem, ut error inde collimationis Quadrantis concluderetur, ipsos infra pro decimo quoque annò proferam.

Tabula X.

Adscensiones rectae et Declinationes mediae et apparentes Stellarum 36 *fundamentalium atque* α *et* δ *Ursae minoris, ab anno* 1750 *usque ad annum* 1850 *computatae.*

Pervulgatum est, *Maskelynium* 36 stellas inerrantes elegisse, quarum loca sola adhiberet ad comparationem cum reliquis sideribus, eamque ob

*) *Schumacher*, Astronomische Nachrichten. Nr. 18.
**) Astronomische Hülfstafeln für 1822. Hafniae.
***) *Francis Baily*, New tables for facilitating the computation of Praecession, Aberration and Nutation. Londini, 1827.

caussam nomen illis indidisse stellarum *fundamentalium*. Quae quum hac de caussa, tum per longum temporis spatium, quod ipsae *Maskelynii* observationes complectuntur, tum serius ab aliis Astronomis frequentissime sint observatae, prae ceteris stellis accuratam subtilemque desiderant et situs et motus determinationem.

Harum stellarum loca *relativa* inde a *Bradleji* temporibus si tam accurate definita esse supponimus, quam fieri potuit observationibus per hoc temporis intervallum institutis, jam omnes Adscensiones rectas et Declinationes, quae determinatae sint comparatione facta cum illis, quasi unico fundamento niti statuere possumus, nostramque motuum corporum coelestium cognitionem augebimus et confirmabimus, si omnis nostra eaque indefessa cura versabitur in hoc, ut illud unicum fundamentum, i. e. *absolutas* Adscensiones rectas et Declinationes illarum 36 stellarum, in dies accuratius cognoscamus. Longa experientia mihi ipsi *Maskelynii* confirmavit opinionem, numerum stellarum, quas dicimus, sufficere in specula bene instructa, ut observationibus ope instrumentorum meridianorum institutis necessariam semper copiam punctorum, quibuscum illae comparari possint, largiri possimus. Sed quia necesse est ad situm instrumenti rectificandum, 36 illas stellas cum stellis polo propinquis conjungere, in specula Grenovicensi a *Bradleji* temporibus continuae factae sunt observationes circa stellam α Ursae minoris, ejusdemque speculae exemplum aliae speculae secutae sunt. Postquam specula Regiomontana anno 1820 praeclarissimo Circulo Meridiano instructa erat, secundam stellam polarem, nempe δ Ursae minoris, ope hujus instrumenti unoquoque diei tempore visibilem, adjeci in hunc finem, ut iis quoque temporibus, quibus una alterave prioris stellae Culminatio in nocturnas easque incommodas horas inciderit, correctio instrumenti facilis possit et completa fieri, i. e. per contrarias Culminationes. Has 38 stellas plane sufficere puto usui speculae, cujus sit completa ad observationes meridianas suppellex, neque, si huic numero novae stellae additae fuerint, ullam arbitror fore e numero aucto utilitatem, quae incommodum hujus mutationis *Catalogi fundamentalis* compensare possit. Speculae, in quibus instrumenta meridiana non satis firma gaudent collocatione, aut in quibus observationes instituuntur extra meridianum, numerosiore indigent Catalogo stellarum.

Tabulas illarum 36 stellarum *fundamentalium* nec non utriusque stellae *polaris* hoc libro contentas ita comparatas esse volui, ut stellarum, quas dicimus, apparentes Adscensiones rectas et Declinationes pro quoque tempore intra annos 1750 et 1850 sumpto summa qua fieri possit facilitate, ex iisdem semper elementis petitas suppeditent. Hae Tabulae in quinque Sectiones divisae sunt pro Annis 1750 — 1770, 1770 — 1790, 1790 — 1810, 1810 — 1830, 1830 — 1850; quum omnes 5 Sectiones loca contineant illarum 36 stellarum et stellae α Ursae minoris, quarta et quinta Sectio loca quoque habet stellae δ Ursae minoris, hujus stellae loca tribus illis prioribus Sectionibus haud adjeci, quia stella illa demum ab anno 1820 stellae polaris vice fungi coepit.

Harum Tabularum Argumentum *Dies reductus* est, qui aut immediate aut additis die integro aut duobus diebus integris (ut pro unaquaque stella in Tabulis exponitur) apparentia stellarum loca pro momentis superiorum Culminationum subministrat. Pro omnibus 36 stellis fundamentalibus sinistra pagina libri pro initio annorum et pro temporibus, quae intervallo 100, 200, 300, 400 dierum sidereorum subsequuntur, summam continet et medii loci pro initio annorum et partium earum Nutationis, quae a Longitudine nodi Lunaris dependent; dextra vero pagina pro decimo quoque die sidereo summam continet et medii motus numerati ab initio anni et Aberrationis et Nutationis Solaris, porro medium pro quoque anno locum, qui in computandis Tabulis adhibitus est. Tabula, quae est in dextra pagina, pro medio cujusque Sectionis anno, nempe anno 1760, 1780, 1800, 1820, 1840, computata est, sed in duabus ultimis columnis continet variationes, quas per decem annos quantitates prioribus columnis contentae patiuntur; numeri autem harum ultimarum columnarum pro Adscensione recta millesimae sunt temporalis secundi partes, pro Declinatione centesimae secundi arcualis partes.

In construendis his Tabulis multum mihi auxilium attulerunt Clar. *Albert*, *Anger* et *Busch*. *Anger* Nutationem Lunarem pro initio et 200mo die sidereo annorum calculavit pro Adscensione recta, idem computavit *Buschius* pro Declinatione, reliqua inde interpolatione derivavi. Cl. *Albert* Tabulam in dextra pagina pro Adscensione recta non solum pro 1750 sed etiam pro 1850 computavit, idem una cum Cl. *Buschio* Tabulam condidit pro Declinatione, ex quo Tabulas pro mediis annis quinque illarum Sectionum et variationes, quas per decem annos patiuntur, conclusi. Quum in omnibus his calculis una plus quam Tabulis contineatur nota decimalis adhibita sit, addita praeterea apta calculi comprobatione, in hanc spem sum adductus, ut certitudo ultimae in Tabulis retentae decimalis ubique usque ad unam unitatem possit confirmari.

Simili modo Tabulae utriusque stellae polaris dispositae sunt. Sed in his Tabulis ea membra, quae a quadratis productisque Aberrationis et Nutationis dependent, quum limitem assecutae essent, ad quam approximatio Tabularum accedit, non neglecta sunt, nec minus non omissa est Nutatio a duplici Longitudine Lunari dependens. In his quoque Tabulis calculandis adjutus sum ab *Angero* meo, qui pro stella α Ursae minoris Tabulas inaequalitatis annuae pro annis 1760, 1780, 1800, 1820, 1840 computavit. Nunc de Tabularum Analysi accuratius exponam, earumque usum exemplis illustrabo.

1. *De stellis fundamentalibus.*

Pro 36 stellis fundamentalibus media illa loca pro 1755 posita sunt, quae ex *Bradleji* observationibus computavi *), Adscensiones rectae autem pro 1825

*) Fundamenta Astronomiae pro Anno 1755. Sect. X.

e secundo Regiomontano Catalogo fundamentali, Declinationes vero pro 1820 e determinatione Regiomontana sumptae sunt. *)

His locis positis, adhibitaque formula [20] supra data, Adscensionem rectam pro anno $1750 + t$ habebimus

$$= \alpha + (\alpha' - \alpha)\frac{t-5}{70} + \Delta p \frac{t-5 \,.\, t-75}{2}$$

Declinationem vero

$$= \delta + (\delta' - \delta)\frac{t-5}{65} + \Delta p \frac{t-5 \,.\, t-70}{2}$$

ubi Δp significat annuam annuarum Praecessionum variationem. Quae loca subsint, hic proferre haud necessiarum duco, quoniam eadem sunt, quae in Catalogo mediorum locorum pro initio cujusque anni juxta Tabulas reperiuntur, sed valores indicabo quantitatis Δp, ut omnia hic in unum locum collata reperiantur, quae necessaria sint ad Tabulas examinandas.

		A. R. in temp.	Decl.
γ	*Pegasi*	+ 0″,000097	− 0″,00013
α	*Arietis*	+ 0,000201	− 0,00240
α	*Ceti*	+ 0,000097	− 0,00316
α	*Tauri*	+ 0,000109	− 0,00458
α	*Aurigae*	+ 0,000184	− 0,00622
β	*Orionis*	+ 0,000043	− 0,00411
β	*Tauri*	+ 0,000089	− 0,00540
α	*Orionis*	+ 0,000031	− 0,00473
α	*Canis majoris*	+ 0,000004	− 0,00380
α	*Geminorum*	− 0,000125	− 0,00527
α	*Canis minoris*	− 0,000044	− 0,00422
β	*Geminorum*	− 0,000122	− 0,00491
α	*Hydrae*	− 0,000015	− 0,00273
α	*Leonis*	− 0,000102	− 0,00233
β	*Leonis*	− 0,000077	− 0,00036
β	*Virginis*	− 0,000006	− 0,00033
α	*Virginis*	+ 0,000112	+ 0,00153
α	*Bootis*	+ 0,000012	+ 0,00216
1α	*Librae*	+ 0,000156	+ 0,00311
2α	*Librae*	+ 0,000155	+ 0,00313
α	*Coronae*	+ 0,000024	+ 0,00296
α	*Serpentis*	+ 0,000063	+ 0,00349
α	*Scorpii*	+ 0,000157	+ 0,00484
α	*Herculis*	+ 0,000037	+ 0,00387
α	*Ophiuchi*	+ 0,000035	+ 0,00400

*) Astronomische Beobachtungen auf der Königsberger Universitäts-Sternwarte. VII. Abtheilung.

α	*Lyrae*	$+ 0''{,}000016$	$+ 0''{,}00291$
γ	*Aquilae*	$- 0{,}000008$	$+ 0{,}00376$
α	*Aquilae*	$- 0{,}000014$	$+ 0{,}00384$
β	*Aquilae*	$- 0{,}000015$	$+ 0{,}00369$
1α	*Capricorni*	$- 0{,}000081$	$+ 0{,}00411$
2α	*Capricorni*	$- 0{,}000081$	$+ 0{,}00411$
α	*Cygni*	$+ 0{,}000024$	$+ 0{,}00227$
α	*Aquarii*	$- 0{,}000043$	$+ 0{,}00227$
α	*Piscis austrini*	$- 0{,}000217$	$+ 0{,}00149$
α	*Pegasi*	$+ 0{,}000053$	$+ 0{,}00116$
α	*Andromedae*	$+ 0{,}000177$	$- 0{,}00004$

Sunt in his 36 stellis 3 stellae duplices, nempe β *Orionis*, α *Geminorum* et α *Herculis*. Quum prima et ultima e duabus constent stellis valde disparibus lumine, data harum stellarum loca ad lucidiorem pertinent, stella vero α *Geminorum* e duabus stellis non admodum inter se diversis composita est; quae quum in Tubis minoris facultatis opticae non disjunctae cernantur, observatae sunt a *Bradlejo*, quasi unica stella esset. Quam ob caussam ponendum est, locum pro 1755 dimidiatae distantiae utriusque stellae respondere. Adscensio recta, quam dedi pro 1825, medium est Adscensionum rectarum utriusque stellae; Declinatio quidem pro 1820 lucidiori stellae insequenti respondet, sed quum haec stella tunc temporis non decima minuti secundi parte propius accederet ad septemtriones, quam dimidiata distantia utriusque stellae, etiam hanc determinationem ad idem punctum pertinere licet supponere, quare omnia in Tabula data loca huic puncto respondent.

Formulae Nutationis et Aberrationis, quae in usum vocatae sunt pro stellis fundamentalibus, eae sunt, quae initio explicationis Tabulae VIII et IX memoratae sunt. Longitudines Nodi Lunaris et Solis, quibus numeri, qui Tabula continentur, computati sunt, non pro initio dierum 0, 10, 20.... anni ficti positae sunt, sed pro

$$0 + \frac{\alpha - 18^h\,40'}{24^h}; \quad 10 + \frac{\alpha - 18^h\,40'}{24^h}; \text{ etc.}$$

quo efficitur, ut numeri Tabulae in anno ficto valeant pro momentis superiorum Culminationum, atque *dies reductus*, sine respectu Adscensionum rectarum stellarum, Tabulae fiat Argumentum illud, quod omnibus sit stellis commune. Sed quia in hac dispositione dies tabularis signatus per Jan. 0 (annis vero bissextis per Jan. 1) is dies sidereus erit, cujus tempore $18^h\,40'$ annus communi consuetudine i. e. a meridie numeratus incipit, perspicuum est, earum stellarum, quarum sit Adscensio recta minor quam $18^h\,40'$, culminationem in Tabula per 0 signatam non die initiali anni sed praecedente fieri, ex quo fieri potest, diei a meridie numerato unum esse diem addendum, priusquam cum ipso ingrediendum sit in Tabulam; pro stellis autem, quarum Adscensio recta sit $\geqq 18^h\,40'$, illud, quod modo diximus, locum non habet. Quod

praeceptum tam diu observatur, donec crescens Solis Adscensio recta Adscensionem stellae transgredi coepit, quo fit, ut culminatio stellae Solis culminationem antegrediatur, ergo consueta dies numerandi ratio a tabulari ratione numerandi uno die recedat. Quibus omnibus in unum collectis haec evadet regula ad formandum Argumentum, quocum ingrediendum sit in Tabulam, ut pro dato die inveniri possit stellae locus apparens, qui superiori ejus Culminationi respondeat:

$$Arg. = Diei\ reducto + i$$

ubi i significat

a) pro stella, cujus *AR.* $\gtrless 18^h\,40'$,
0 ... ab initio anni usque ad tempus ubi $AR\odot =$ *AR.* stellae, postea vero + 1.

b) pro stella, cujus *AR.* $< 18^h\,40'$,
+ 1 ... ab initio anni usque ad tempus ubi $AR\odot =$ *AR.* stellae, postea vero + 2.

Dies, quo Sol Adscensionem rectam cujusque illarum 36 stellarum assequatur, valorque ipsius i ante et post hunc diem in quaque pagina dextra libri secundum hanc regulam memoratur.

Tabulae, quae in dextra pagina invenitur, quaeque summam continet et motus medii, ab anni initio numerati, et Aberrationis et Nutationis Solaris pro decimo quoque die non ad communem consuetudinem differentiae sunt adscriptae, sed vigesima pars summae differentiarum antecedentis et sequentis, quae quasi diurna variatio pro eo tempore, quod in eadem linea reperitur, poterit considerari. Schema Tabulae igitur hoc erit:

Dies	Numerus	Variat. diurna
m	a	b
$m' = m + 10$	a'	b'
$m'' = m' + 10$	a''	b''
$m''' = m'' + 10$	a'''	b'''
etc.	etc.	etc.

Si numerus quaeritur y, qui ad diem $m + x$ pertineat, habebimus, neglectis differentiis secundam transcendentibus,

$$y = a + xb + xx \cdot \frac{b' - b}{20}$$

Sed quoniam quantitas $b' - b$ nunquam major reperitur 6,3 unitatibus ultimae notae decimalis Tabulae, sequitur, membrum ultimum, quum nunquam, si $x \gtrless \frac{1}{2}$, decimam talis unitatis partem assequatur, in hoc casu posse negligi. Ex quo commodissima prodit ratio Tabulam adhibendi ad condendam Ephemerida. Si i' erit numerus integer, sive major sive minor Reductione diei $+ i$, sed non ultra $\frac{1}{2}$ distans, numeri, qui Tabula continentur, additis insuper productis bx, ubi $x = Reductioni\ diei + i - i'$, pro diebus valent, qui intervallo i' dierum eos, qui sunt in Tabula, antegrediuntur.

Exemplum I. Quaeruntur apparentes Adscensiones rectae stellae α *Lyrae* pro superioribus Culminationibus Regiomonti inde a die 27. Octob. 1828 usque ad finem anni.

Reductio diei ..... $+0{,}067$; ..... $+0{,}067$
i ante Decbr. 28 ..... $+1$; postea $+2$
Summa ..... $+1{,}067$; ..... $+2{,}067$
$x = +0{,}067$; i' ..... $+1$; ..... $+2$

E Tabula pro α *Lyrae* in Sect. IV. invenitur:

			Var. 8 ann.	bx		
Oct. 27	$^h 18\ 31'\ 7{,}''172$	$+0{,}''854$	$+0{,}''002$	$-0{,}''001$	Oct. 26	$^h 18\ 31'\ 8{,}''027$
Nov. 6	7,166	+0,649	+0,002	−0,001	Nov. 5	7,816
16	7,160	+0,480	+0,002	−0,001	15	7,641
26	7,154	+0,355	+0,001	−0,001	25	7,509
Dec. 6	7,148	+0,279	+0,001	0,000	Dec. 5	7,428
16	7,142	+0,254	+0,001	0,000	15	7,397
26	7,136	+0,283	0,000	0,000	25	7,419
36	7,130	+0,365	0,000	+0,001	34	7,496

Exemplum II. Quaeritur, quanta horologii correctio ex sequentibus in specula Regiomontana die 19. Jul. 1826 observatis culminationibus prodeat:

α *Tauri* ..... $^h 4\ 2'\ 5\ 33{,}''93$
α *Aurigae* 5 3 28,59
β *Orionis* 5 5 47,44
β *Tauri* 5 14 55,25
α *Orionis* 5 45 22,16

Reductio diei est $= -0{,}449$, $i = +2$, Argumentum erit Jul. 20,551, quocum e Tabula invenitur:

				A. R. appar.	Corr.horol.
α *Tauri*	$^h 4\ 2'\ 5''\ 57{,}730$	$+1{,}''044$	$-0{,}001$	$^h 4\ 2'\ 5''\ 58{,}773$	$+24{,}''84$
α *Aurigae* ...	5 3 52,298	+1,045	−0,002	5 3 53,341	+24,75
β *Orionis*....	5 6 11,541	+0,590	−0,001	5 6 12,130	+24,69
β *Tauri*.....	5 15 19,050	+0,944	−0,001	5 15 19,993	+24,74
α *Orionis*....	5 45 46,158	+0,677	−0,001	5 45 46,834	+24,67
			Medium.	$5^h 7'$ temp. horologici	+24,738

Superfluum videtur, similia pro Declinatione afferre exempla.

2. α *Ursae minoris.*

Medium hujus stellae locum pro 1755 secundum *Bradleji* observationes *) hunc esse supposui

*) Fundamenta Astronomiae pro Anno 1755. P. 325 et P. 143.

$$\alpha = 10^\circ\,55'\,44'',955; \quad \delta = 87^\circ\,59'\,41'',12$$

medium vero ejusdem stellae locum pro 1820 secundum observationes in specula Regiomontana institutas hunc

$$\alpha' = 14^\circ\,15'\,22'',575; \quad \delta' = 88^\circ\,20'\,54'',27$$

Primo loco secundum formulas supra datas [13] ad annum 1820 reducto, invenientur

$$\alpha' = 14^\circ\,13'\,54'',703; \quad \delta' = 88^\circ\,20'\,54'',052$$

ex quo proprius motus per 65 annos confectus, ad stellae locum pro anno 1820 relatus reperietur

$$\text{in } AR. = +87'',872; \quad \text{in Decl.} = +0'',218$$

sive annuus

$$\text{in } AR. = +1'',351877; \quad \text{in Decl.} = +0'',0033538$$

His usus sum quantitatibus, ut ope finitarum formularum, quas supra tradidi, media loca pro decimo quoque anno computarem, ex quo interpolando eos, quos Tabula exhibet, inveni valores.

Hujus stellae nunc inde a 15 annis in specula Regiomontana continuae sunt factae observationes. In quibus ab anno 1814 usque ad annum 1819 incl. usus sum Tubo meridiano a *Dollondio* fabricato, ab anno autem 1820 usque ad hodiernum diem Circulo meridiano confecto a *Reichenbachio* et *Ertellio*. Ex quibus observationibus, pro quoque anno separatim reductis, ea loca media accepi, quae hic proferam, additis insuper differentiis, quibus a Tabula distent:

	A. R. med. temp. expr.	Decl. med.	Differentiae Tabulae A. R.	Decl.
	^{h} $'$ $''$	$^\circ$ $'$ $''$	$''$	$''$
1814	0 55 34,870	———	+ 0,66	———
1815	55 48,972	———	+ 0,68	———
1816	56 3,451	———	+ 0,41	———
1817	56 17,825	———	+ 0,32	———
1818	56 32,282	———	+ 0,23	———
1819	56 46,678	———	+ 0,29	———
1820	57 1,583	88 20 54,43	− 0,08	− 0,16
1821	57 16,110	21 13,52	+ 0,02	+ 0,19
1822	57 31,092	21 33,28	− 0,26	− 0,13
1823	57 46,833	21 52,40	− 1,20	+ 0,18
1824	58 1,632	22 11,85	− 1,12	+ 0,15
1825	58 15,470	22 31,26	+ 0,02	+ 0,16
1826	58 31,248	22 50,64	− 0,70	+ 0,19
1827	58 46,066	23 10,10	− 0,36	+ 0,14
1828	59 2,258	23 29,43	− 1,31	+ 0,21

In hoc observandum esse duco, Adscensiones rectas minus inter se congruere, quam postulare videantur frequentes observationes praeclarissimo ad-

hibito instrumento, diligentissime collocato. Etiam illud notandum, observationes vernales et aestivas semper Adscensiones rectas exhibere 3″ temp. fere majores quam autumnales et hiemales, quod, quum et in vetustiore et in recentiore instrumento locum habeat, minuendam esse Aberrationem indicaret, nisi ex Adscensionum rectarum observationibus, ut jam supra monui, incerta semper esset Aberrationis determinatio.

Tabula pro hac stella comparata plane similis est illi, quam pro 36 illis stellis fundamentalibus explicavi, sed amplitudine est paullo major, quod propter propiorem stellae situm ad polum nonnulla membra, quae a quadratis productisque Aberrationis et Nutationis proficiscuntur, jam alicujus momenti sunt, et quod proposito convenit eas partes Nutationis, quae a duplici Longitudine Lunari dependent, non negligere. Quare Tabula pro summa et medii loci pro initio anni et Nutationis, Argumenta quoque ☉ + ☊ et ☽ continet, expressa millesimis peripheriae partibus et respondentia iisdem temporis momentis, quibus ceterae columnae Tabulae respondent. Duae insequentes Tabellae perturbationes continent Adscensionis rectae et Declinationis ab his Argumentis dependentes. Caeterum secunda Tabula, nempe illa, qua *annuae* continentur correctiones, non pro stellae loco, qui est initio annorum 1760, 1780, 1800, 1820, 1840, sed pro eo, qui unicuique diei illa contento respondeat, computata est. Quam ob caussam annua variatio primae et tertiae columnae, quae est in ejus secunda et quarta columna, per *integrum* semper annorum numerum inter epocham Tabulae et eum numerum anni, pro quo calculus instituendus, est multiplicanda.

Exemplum. Quaeritur stellae locus pro inferiore Culminatione die 20. Julii 1826 in meridiano Regiomontano.

Dies reductus ..... 1826 Jul. 19,551
i ..... + 1,500

Argumentum Tabulae ..... 1826 Jul. 21,051

			☉+☊	☽
Tab. prima suppeditat	$0^h\ 58'\ 45''{,}21$	$88^\circ\ 22'\ 55''{,}35$	471	484
— secunda pro 1820	+17,89	— 8,39	522	375
— — Var. pro 6 annis	+ 0,19	— 0,04	993	859
☉ + ☊ = 993	— 0,03	———		
☽ = 859	+ 0,09	+ 0,07		
Locus apparens	0 59 3,35	88 22 46,99		

3. δ *Ursae minoris.*

Praeter medium locum pro anno 1755, deductum ex observationibus ***Bradlejanis***, nempe

$$\alpha = 282^\circ\ 39'\ 4''{,}4; \quad \delta = 86^\circ\ 30'\ 51''{,}5$$

locum pro anno 1824 derivatum ex observationibus Regiomontanis, nempe

$$\alpha' = 277° 15' 41'',61; \quad \delta' = 86° 34' 52'',04$$

Tabulae subesse volui. Locus ultimus reductus ad annum 1755 suppeditat

$$\alpha = 282° 39' 35'',58; \quad \delta = 86° 30' 52'',267$$

unde concluditur, proprium per 69 annorum intervallum motum, ad locum anni 1755 relatum, esse

$$+ 31'',18 \quad \text{et} \quad + 0'',767$$

sive annuum motum proprium

$$+ 0'',451884 \quad \text{et} \quad + 0'',011116.$$

His adhibitis elementis Tabula eodem modo ut pro stella α ***Ursae minoris*** secundum finitas formulas computata est.

Circa hanc stellam per 9 annos in specula Regiomontana continuae institutae sunt observationes, ex quibus media loca pro annis 1820 usque ad annum 1828 ea accepi, quae hic proferam, additis differentiis, quibus Tabula P. 521 inserta ab illis discrepet.

	A. R. med. temp. expr.	Decl. med.	Differentiae Tabulae A. R.	Differentiae Tabulae Decl.
	^{h} $'$ $''$	$°$ $'$ $''$	$''$	$''$
1820	18 30 18,981	86 34 41,65	+ 0,14	− 0,03
1821	30 0,007	34 44,34	+ 0,04	− 0,07
1822	29 41,095	34 46,67	− 0,13	+ 0,22
1823	29 22,138	34 49,23	− 0,26	+ 0,24
1824	29 2,938	34 52,04	− 0,19	0,00
1825	28 43,363	34 54,85	+ 0,30	− 0,27
1826	28 24,264	34 57,31	+ 0,29	− 0,23
1827	28 5,674	34 59,12	− 0,25	+ 0,44
1828	27 46,254	35 2,55	+ 0,04	− 0,53

Observationes Adscensionum rectarum hujus stellae minores praebent differentias, quam expectari potuit pro experientia in stella α Ursae minoris facta, quod non modo valet de ipsis Adscensionum rectarum differentiis, verum etiam de productis earum in Cosinum Declinationis. Quum Tabula sit illi, quam pro stella α ***Ursae minoris*** dedi, plane similis, neque ulla alia re discrepet ab illa, quam correctione, ab Argumento $\odot + \Omega$ dependente, quam hic propter exiguum valorem neglexi mus, nihil attinet, Tabulam exemplo illustrare.

Tabula XI.

Declinationes stellarum in specula Grenovicensi saepe observatarum.

Stellae, quas dicimus, sunt: h, η, μ, ν, γ, ε, ζ Geminorum et γ Draconis, quae jam a ***Flamsteedio*** frequenter observatae sunt, ut inde Quadran-

tis error collimationis deduci posset. Quem morem jure retinuerunt ***Bradlejus*** et ***Maskelynius.*** Quo facilior in his stellis redderetur apparentium Declinationum computatio, medias in hac Tabula dedi Declinationes pro decimo quoque anno ab anno 1750 usque ad annum 1850, earumque annuas variationes, quibus ad initium cujusque anni reduci poterunt. Praeterea logarithmos addidi numerorum constantium, qui in usu Tabulae VIII adhibentur, nempe logarithmos ipsorum a', b', c', d', μ'.

Medias septem illarum Geminorum stellarum Declinationes pro anno 1755 tales esse accepi, quales e ***Bradleji*** observationibus, pro 1820 vero, quales ex observationibus Regiomontanis *) conclusi:

	1755	1820
h Geminorum	+ 23° 15′ 2″,1	+ 23° 15′ 45″,01
η — —	22 33 8,0	22 32 55,96
μ — —	22 36 50,2	22 35 45,59
ν — —	20 20 31,3	20 18 58,65
γ — —	16 35 2,8	16 32 35,70
ε — —	25 20 52,1	25 17 57,20
ζ — —	20 54 20,3	20 49 29,82

Praecessiones annuas motumque proprium per 65 annos confectum inveni:

	1755	1820	Mot. propr.
h Geminorum	+ 0″,9422	+ 0″,5969	— 7″,111
η — —	— 0,0078	— 0,3510	— 0,379
μ — —	— 0,7120	— 1,0558	— 7,156
ν — —	— 1,2610	— 1,5975	+ 0,251
γ — —	— 2,0585	— 2,3846	— 2,699
ε — —	— 2,5188	— 2,8654	+ 0,087
ζ — —	— 4,3053	— 4,6335	+ 0,031

unde numeri Tabulae sequuntur.

Mediae Declinationes stellae γ Draconis omnibus observationibus, quae sunt Grenovici ope Sectoris Zenithalis circa hanc stellam factae, nituntur. Ex quibus sequentem inveni expressionem septentrionalis distantiae zenithalis pro tempore $1800 + t$:

$$2' 26'',669 - t \,.\, 0'',71394 + tt \,.\, 0'',001011$$

Hujus expressionis secundus terminus a mutatione Praecessionis originem duxit. Ejusdem expressionis cum observationibus haec est consensio:

*) Astronomische Beobachtungen auf der Königsberger Universitäts-Sternwarte. VIII. Abtheilung. P. V.

	Dist. a V. observ.	Numer. observ.	Error formulae
1750	3′ 4″,91	12,0	— 0″,02
1751	3,81	7,9	+ 0,27
1751	4,35	8,9	— 0,27
1752	4,01	8,9	— 0,74
1753	3,14	7,5	— 0,68
1754	0,08	6,0	+ 1,57
1768	2 50,36	21,0	+ 0,19
1777	43,78	18,8	— 0,16
1785	38,79	4,0	— 1,18
1800	26,72	24,5	— 0,05
1801	26,10	18,2	— 0,14
1802	24,72	18,5	+ 0,53
1802	24,37	30,0	+ 0,88
1805	22,20	37,9	+ 0,93
1809	19,85	26,7	+ 0,48
1810	18,96	19,0	+ 0,67
1811	19,46	27,8	— 0,52
1811	19,98	21,0	— 1,04
1812	18,94	56,8	— 0,69

Ut ex hujus stellae distantiis zenithalibus eae Declinationes derivarentur, quae Tabula contineantur, altitudinem poli Grenovicensem esse posui $=$ 51° 28′ 39″,6, non, quod hanc determinationem *Pondianae* anteponam, sed quod ope ejusdem facta est Quadrantis, qui easdem quoque observationes suppeditavit, quae positis in XI Tabula Declinationibus sunt reducendae.

Non necessarium est, exemplo illustrare, quomodo possint ope Tabularum XI et VIII apparentes Declinationes illarum 8 in priore Tabula contentarum stellarum inveniri, quum explicatio 8vae Tabulae ad hoc sufficere videatur. Contra utendum puto hac opportunitate, ut exponam, quomodo mea quidem sententia ad calculum vocandae sint Grenovicenses ope Quadrantis muralis institutae observationes, si dubitationes illas evitare velis, quas affert instrumenti mutatio, a longo profecta usu, sed demum versus annum 1810 animadversa.

Si distantiam zenithalem, quae Quadrante murali observata sit, addita Refractione, significaverimus per z, Declinationem stellae observatae per δ, jam $z + \delta$ poli altitudinem exprimeret, modo Quadrans neque collimationis vitio, neque aliis affectus esset vitiis. Si ea, quae sunt distantiae zenithali addenda, ut ab his vitiis liberetur, notaverimus per $c(z)$, poli altitudinem habebimus hanc

$$\varphi = z + \delta + c(z)$$

Si functionis $c(z)$ hanc esse formam $c + c' \operatorname{Cos} z + c'' \operatorname{Sin} z$ supposuerimus, quae vel vitio collimationis in puncto verticali, vel cuidam excentricitati, vel effectui gravitatis in partes instrumenti respondeat, eamque formulam si ponendo $\varphi - \delta$ pro z mutaverimus in hanc

$$c + a \operatorname{Cos}\delta + b \operatorname{Sin}\delta$$

observatio cujusque stellae, cujus Declinatio ponitur cognita, aequationem affert

$$\varphi - c - a \operatorname{Cos}\delta - b \operatorname{Sin}\delta = z + \delta$$

sive

$$\varphi - c - a + 2a \operatorname{Sin}\tfrac{1}{2}\delta^2 - b \operatorname{Sin}\delta = z + \delta$$

quam nunc signabo per

$$\varphi' + \alpha \operatorname{Sin}\delta + \beta \operatorname{Sin}\tfrac{1}{2}\delta^2 = z + \delta.$$

Jam solutio problematis, inveniendi Declinationem ignotam D ex distantia zenithali Z, Quadrante observata atque a Refractione liberata, manifesto in hoc versatur, ut quantitates φ', α, β ex observationibus stellarum, quarum Declinationes *cognitae* sint, determinentur, sive ut ex expressione

$$D = \varphi' + \alpha \operatorname{Sin} D + \beta \operatorname{Sin}\tfrac{1}{2} D^2 - Z$$

eliminentur.

Omnes hujus problematis tres incognitae ponendae sunt variabiles et ab interioribus, anno 1810 animadversis mutationibus Quadrantis dependentes. Quarum prima, quae errorem collimationis continet, etiam a mutationibus retis filorum, subitisque aliis instrumenti perturbationibus, e. g. a quadam fortuita offensione dependet. Ita quantitates α et β cum ipso tempore continuo procedere, quantitatem vero φ' subitis obnoxiam esse mutationibus, statuere licet.

Huic rei conditioni haec ratio in Quadrantis cognitionem inquirendi maxime adaptata esse videtur. Postquam omnes observatae a Vertice distantiae stellarum 36 fundamentalium, nec non 7 stellarum Geminorum atque γ Draconis Refractione atque Declinatione apparenti auctae sunt, ita ut quaevis earum valorem quantitatis $\varphi' + \alpha \operatorname{Sin}\delta + \beta \operatorname{Sin}\tfrac{1}{2}\delta^2$ suppeditet, ante omnia in tempora inquirendum est, ubi linea collimationis subitas mutationes experiebatur. Haec tempora limites erunt *Periodorum*, intra et extra quas una incognitarum φ' tamquam aequalis spectari non licet; sed si observationes in quaque harum periodorum (secundum methodum minimorum quadratorum) ita combinantur, ut φ' eliminetur, duae aequationes pro incognitis α et β nobis offeruntur, quarum forma

$$a\alpha + b\beta = d; \quad b\alpha + c\beta = e$$

erit. Si jam omnes hujusmodi aequationes, ex observationibus certi intervalli temporis e. g. quinquennii collectae, in duas summas

$$(a + a' + a'' + \ldots.)\,\alpha + (b + b' + b'' + \ldots.)\,\beta = d + d' + d'' + \ldots.$$
$$(b + b' + b'' + \ldots.)\,\alpha + (c + c' + c'' + \ldots.)\,\beta = e + e' + e'' + \ldots.$$

conjunguntur, earum solutio suppeditabit valores incognitarum α et β pro tempore medio hujus intervalli; tandem substituendo valores ipsorum α et β, φ' definietur pro quavis periodo.

Jam perspicuum est, Declinationem aliquam D, reductam adhibitis valoribus ipsorum φ', α, β hoc modo inventis, liberam a Quadrantis erroribus considerari posse et niti solis determinationibus fundamentalibus, quas toti huic operi subesse scimus. Pro sideribus, quae sunt in vicinia Aequatoris, ut pro Sole, pro planetis, pro Luna, quantitas β, quippe quae multiplicata sit in $\mathrm{Sin}\frac{1}{2}\delta^2$, exiguum in aequalibus et septentrionalibus et australibus Declinationibus aequalem habet effectum, qui cum quadam approximatione idem erit, quem habet β in medium ex iis stellis fundamentalibus, quae non longe distant ab Aequatore, et in medium ex illis septem Geminorum stellis. Quare quantitas illa forsitan plane omitti poterit. Sed rem accurate dijudicandam debemus illi relinquere, qui ipse in hoc pertractando elaborare velit: optima rei tractandae ratio tum poterit eligi, quum omnes cujusque quinquennii observationes, quae huic investigationi inservire possint, licebit in uno conspectu videre. — Non dubito, quin talis Grenovicensium observationum investigatio, quum hoc fundamento reductio longae *Maskelyniarum* observationum seriei nitatur, utilissimum opus sit, quod quis suscipere possit ad augendam systematis Solaris cognitionem. Certe reductio, quam supra optandam putavi observationum corporum systematis Solaris inde ab anno 1750 institutarum, maxima ex parte ab illo, quem indicavi, pendet labore.

Tabula XII.

Reductio observationum Solis.

Haec Tabula, quae pro veris anni ficti 1800 meridiebus computata est, cujus Argumentum ergo quoque *Dies reductus* est, continet:

1) Moram transitus disci Solaris, tempore sidereo expressam ejusque variationem saecularem;
2) Logarithmum Factoris (F), quocum filorum Tubi meridiani intervalla tempore expressa sunt multiplicanda, ut tempus inveniatur sidereum, quod Sol in his intervallis conficiendis consumat;
3) naturalem Tangentem et Secantem Declinationis Solaris, quae reductioni transitus per medium filum ad meridianum secundum usitatam formulam
$$m + n\ \mathrm{Tang}\,\delta + c\ \mathrm{Sec}\,\delta$$
inserviant;
4) quantitatem a et logarithmum b, quibus adhibitis distantia sive zenithalis sive polaris ad horizontale filum instrumenti collocati in meridiano observata tempore t, minutis secundis expresso, ante culminationem positive sumpto secundum formulam
$$\frac{at}{100} + b\,.\,tt$$
reducatur;
5) Radium disci Solaris, ejusque variationem saecularem;
6) Columnam vacuam, in qua inscribi poterit pro unaquaque specula Parallaxis altitudinis.

Tabula secundum formulas

$$F = \frac{\mathrm{Sec}\,\delta}{1-\lambda}$$

$$\text{Radius disci } R' = \frac{R}{r}$$

$$\text{Mora transitus} = \frac{2}{15}\,R'.F$$

$$b = \left(\frac{15}{2}\right)^2 \mathrm{Sin}\,1''(1-\lambda)^2\,\mathrm{Sin}\,2\delta$$

computata est, in quibus $1-\lambda$ unum minutum secundum temporis siderei, minuto secundo temporis veri expressum, significat et

$$\lambda = \frac{\mathrm{Cos}\,\omega\,\sqrt{(1-ee)}}{rr\,\mathrm{Cos}\,\delta^2(T+1)}$$

ubi R, r, ω, T significant medium radium disci Solaris, distantiam Solis a terra, Obliquitatem Ecliptices et annum tropicum diebus expressum. Numeri, qui in Tabula sub nota a reperiuntur, exprimunt variationem Declinationis per 100″ temporis siderei. Variationem saecularem logarithmi ipsius F (per dimidium saeculum non ultra duas unitates ultimae notae decimalis ascendentem) Tabulae adjungere supervacaneum duxi.

Elementa elliptica orbitae terrestris in hac Tabula adhibita eadem sunt, quae Tabulis Solaribus subsint meis. Radium disci medium R tantum supposui, quantum mihi suppeditarunt morae transitus ab anno 1820 usque ad annum 1828 incl. observatae a me ope Circuli meridiani a *Reichenbachio* et *Ertellio* confecti. Has observationes ita ad calculos vocavi, ut ea tantum fila instrumenti adhiberentur, ad quae uterque limbus in eadem culminatione esset observatus. Medium transituum 1698 inveni

$$R = 16'\,0'',90,$$

quo cum numero singuli anni ita consentiunt:

	Observatio	Differentia
1820	16′ 1″,31	+ 0″,41
1821	1,08	+ 0,18
1822	0,87	− 0,03
1823	0,66	− 0,24
1824	0,91	+ 0,01
1825	1,18	+ 0,28
1826	0,76	− 0,14
1827	0,74	− 0,16
1828	0,58	− 0,32

Hic valor radii disci Solaris exacte idem est, quem Cl. *Struvius*, simili usus instrumento eademque adhibita methodo, invenit *). Is valor 0″,35 major est illo, quem ex *Maskelynii* observationibus conclusit Ill. *de Lindenau* **).

*) *Schumacher*, Astronomische Nachrichten. Nr. 59.
**) *von Zach*, Monatliche Correspondenz. Vol. XXI. P. 481.

Constat, transitus inferiorum planetarum per discum Solis nec non defectus Solis duabus tribusve minutis secundis minorem suppeditare radium, sed differentia, quae caussae opticae nominatim diffractioni Luminis tribuitur, vereor, ut eadem sit pro omnibus Tubis.

Ultima Tabulae columna vacua, quae Parallaxin altitudinis Solis culminantis debet continere, secundum formulam

$$\frac{8'',5776}{r}\ \varrho\ \mathrm{Sin}\,(\varphi'-\delta)$$

explenda est, in qua $\varrho\,\mathrm{Sin}\,\varphi'$ et $\varrho\,\mathrm{Cos}\,\varphi'$ distantias significant loci observationis ab aequatore et ab axi terrestri, et media Parallaxis horizontalis Solis tanta est assumpta, quantam e transitibus Veneris annis 1761 et 1769 Cel. *Enckius* determinavit. Quae formula si formam induerit:

$$a\,.\,A + b\,.\,B$$

ubi

$$A = \varrho\,\mathrm{Sin}\,\varphi',\quad B = \varrho\,\mathrm{Cos}\,\varphi'$$

sive expressa per altitudinem poli φ

erit

$$A = \frac{(1-\varepsilon\varepsilon)\ \mathrm{Sin}\,\varphi}{\sqrt{(1-\varepsilon\varepsilon\,\mathrm{Sin}\varphi^2)}};\quad B = \frac{\mathrm{Cos}\,\varphi}{\sqrt{(1-\varepsilon\varepsilon\,\mathrm{Sin}\,\varphi^2)}}$$

$$a = \frac{8'',5776}{r}\,\mathrm{Cos}\,\delta;\quad b = -\frac{8'',5776}{r}\,\mathrm{Sin}\,\delta$$

Harum quantitatum logarithmos pro quoque die octavo anni ficti hic apponam, quo facillima erit repletio columnae vacuae, data poli altitudine.

	Log a	Log b		Log a	Log b
Jan. 0	0,9045	0,5341	Jul. 3	0,8902	0,5177n
8	0,9071	0,5185	11	0,8930	0,5022n
16	0,9108	0,4929	19	0,8970	0,4781n
24	0,9153	0,4563	27	0,9019	0,4444n
Febr. 1	0,9200	0,4067	Aug. 4	0,9073	0,3994n
9	0,9247	0,3408	12	0,9129	0,3402n
17	0,9288	0,2531	20	0,9182	0,2620n
25	0,9320	0,1327	28	0,9231	0,1560n
Mart. 5	0,9342	9,9544	Sept. 5	0,9271	0,0033n
13	0,9350	9,6331	13	0,9302	9,7490n
21	0,9346	8,6545n	21	0,9320	9,0009n
29	0,9328	9,7116n	29	0,9327	9,5643
Apr. 6	0,9298	9,9870n	Oct. 7	0,9320	9,9196
14	0,9257	0,1473n	15	0,9302	0,1084
22	0,9207	0,2571n	23	0,9273	0,2344
30	0,9151	0,3374n	31	0,9235	0,3258
Maj. 8	0,9093	0,3980n	Nov. 8	0,9192	0,3946
16	0,9035	0,4438n	16	0,9148	0,4468
24	0,8983	0,4779n	24	0,9105	0,4858
Jun. 1	0,8940	0,5022n	Dec. 2	0,9070	0,5135
9	0,8908	0,5178n	10	0,9044	0,5313
17	0,8891	0,5254n	18	0,9032	0,5398
25	0,8889	0,5254n	26	0,9035	0,5393
Jul. 3	0,8902	0,5177n	34	0,9052	0,5298

Tabula XIII.

Reductio observationum Lunae.

Quoniam Adscensio recta Lunae non immediate e transitu centri Lunaris per meridianum sed e temporibus appulsuum unius alteriusve limbi ad fila Tubi meridiani observatur, primum quaeram Adscensionem rectam α centri, quae uni horum momentorum, nempe tempori sidereo μ, partibus arcus expresso, respondeat. Data supponuntur: Declinatio δ, radius disci geocentricus h, Parallaxis horizontalis aequatorialis π, Latitudo geocentrica loci observationis φ' ejusque distantia a centro terrestri ϱ. Instrumenti porro collocatio vitiumque collimationis cognita supponuntur, nempe angulus horarius atque distantia polaris poli orientalis axis rotatorii instrumenti atque distantia circuli a medio filo in sphaera coelesti descripti ab hoc puncto. Has quantitates, ut fit in usitata formula pro reductione transituum observatorum ad meridianum, nempe

$$m + n \operatorname{Tang}\delta + c \operatorname{Sec}\delta$$

signabo per $\quad -90° - m, \quad 90° + n, \quad 90° - c.$

Si appulsus observatus est ad filum, cujus distantia a medio filo sit f, positive sumpta, si transitus per illud prius, negative, si serius, quam per medium filum evenerit, observata distantia limbi Lunaris ab orientali axis polo erit $= 90° - c - f$, centrique $= 90° - c - f \mp h'$, ubi h' apparentem significat radium, superiusque signum pro praecedente, inferius autem pro sequenti limbo valet. Haec distantia latus erit trianguli sphaerici, cujus duo reliqua latera, et distantia poli axis instrumenti et distantia Lunae a polo coelesti $90° + n$, $90° - \delta'$, angulum comprehendunt $90° + m + \mu - \alpha'$, ubi α' et δ' significant apparentem Lunae Adscensionem rectam et Declinationem. Igitur habemus

$$\begin{aligned}\operatorname{Sin}(c+f\mp h') &= -\operatorname{Sin}n\operatorname{Sin}\delta' - \operatorname{Cos}n\operatorname{Cos}\delta'\operatorname{Sin}(m+\mu-\alpha')\\ &= -\operatorname{Sin}n\,.\,\operatorname{Sin}\delta'\\ &\quad -\operatorname{Cos}n\operatorname{Sin}m\,.\,\operatorname{Cos}\delta'\operatorname{Cos}(\mu-\alpha')\\ &\quad -\operatorname{Cos}n\operatorname{Cos}m\,.\,\operatorname{Cos}\delta'\operatorname{Sin}(\mu-\alpha')\end{aligned}$$

Haec aequatio quum fuerit multiplicata per distantiam Lunae ab observatore $= \triangle$, quantitates, quae ab apparente Lunae loco dependent, per locum geocentricum poterunt exprimi, quod fit per usitatas formulas:

$$\begin{aligned}\triangle\operatorname{Cos}\delta'\operatorname{Cos}(\mu-\alpha') &= \operatorname{Cos}\delta\operatorname{Cos}(\mu-\alpha) - \varrho\operatorname{Sin}\pi\operatorname{Cos}\varphi'\\ \triangle\operatorname{Cos}\delta'\operatorname{Sin}(\mu-\alpha') &= \operatorname{Cos}\delta\operatorname{Sin}(\mu-\alpha)\\ \triangle\operatorname{Sin}\delta' &= \operatorname{Sin}\delta - \varrho\operatorname{Sin}\pi\operatorname{Sin}\varphi'\\ \triangle\operatorname{Sin}h' &= \operatorname{Sin}h\\ \triangle\operatorname{Cos}h' &= \sqrt{\{\operatorname{Cos}h^2 - 2\varrho\operatorname{Sin}\pi[\operatorname{Sin}\delta\operatorname{Sin}\varphi' + \operatorname{Cos}\delta\operatorname{Cos}\varphi'\operatorname{Cos}(\mu-\alpha)]}\\ &\qquad + \varrho\varrho\operatorname{Sin}\pi^2\}\end{aligned}$$

Ex quo apparet, si problematis solutio summo rigore quaeratur, inventionem ipsius α a solutione aequationis quarti gradus pendere. Sed quoniam

quantitates $c+f\pm h'$, n, m, $\mu-\alpha$ tam exiguae semper sunt, ut Sinus earum cum arcubus, Cosinus vero cum unitate commutari possint, habebimus:

$$\triangle(c+f\pm h') = -n\triangle \operatorname{Sin}\delta' - m\triangle \operatorname{Cos}\delta' - (\mu-\alpha)\operatorname{Cos}\delta$$

sive

$$\alpha = \mu \pm \frac{h}{\operatorname{Cos}\delta} + \frac{f\triangle}{\operatorname{Cos}\delta} + \frac{\triangle \operatorname{Cos}\delta'}{\operatorname{Cos}\delta}\ (m + n\operatorname{Tang}\delta' + c\operatorname{Sec}\delta')$$

Quam formulam si volumus totam per veram exprimere Declinationem, ponere possumus

$$\triangle = 1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta)$$

neque verendum est, ne per hoc quantitas $f\triangle$ pro $f = 20'$ (haec enim maxima est in usitatis Tubis meridianis distantia, qua fila lateralia a medio filo distent) in majus vitium, quam $0'',2$ arcualium incurrat, idque vitium e medio diversorum filorum circa medium filum symmetrice collocatorum evanescere, neminem fugit. Majore etiam jure ponere licet

$$\triangle \operatorname{Cos}\delta' = \operatorname{Cos}\delta - \varrho \operatorname{Sin}\pi \operatorname{Cos}\varphi'$$

quo efficitur, ut sit

$$\alpha = \mu \pm \frac{h}{\operatorname{Cos}\delta} + f\frac{1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta)}{\operatorname{Cos}\delta} + m' + n' \operatorname{Tang}\delta + c' \operatorname{Sec}\delta$$

ubi

$$m' = m - c\operatorname{Cos}\varphi' \,.\, \varrho \operatorname{Sin}\pi$$
$$n' = n - c\operatorname{Sin}\varphi' \,.\, \varrho \operatorname{Sin}\pi$$
$$c' = c - (m\operatorname{Cos}\varphi' + n\operatorname{Sin}\varphi')\ \varrho \operatorname{Sin}\pi$$

Ultimum terminum si quis velit apparente Declinatione expressum retinere, quod commodius erit, si haec in indice instrumenti lecta fuerit, id quod semper cum certitudine paucorum minutorum primorum hic sufficiente fieri potest, erit

$$\alpha = \mu \pm \frac{h}{\operatorname{Cos}\delta} + f\frac{1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta)}{\operatorname{Cos}\delta} + \left(1 - \varrho \operatorname{Sin}\pi \frac{\operatorname{Cos}\varphi'}{\operatorname{Cos}\delta'}\right)\ (m + n\operatorname{Tang}\delta' + c\operatorname{Sec}\delta').$$

Vulgo tempus culminationis derivabitur e temporibus transituum per fila, sive quaeretur filorum *reductio ad meridianum*. Quo in casu tempori observato tempus, quo Luna angulum horarium $\mu-\alpha$ lustrat, addendum est, sive angulus ille horarius, divisus per $1-\lambda$, ubi λ variationem Adscensionis rectae tempore expressae per minutum secundum temporis siderei significat. Habebimus igitur reductionem ad meridianum, quantitate

$$\frac{1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta)}{(1-\lambda)\operatorname{Cos}\delta}$$

notata per F,

$$= \pm \frac{h}{(1-\lambda)\operatorname{Cos}\delta} + fF + \frac{m' + n'\operatorname{Tang}\delta + c'\operatorname{Sec}\delta}{1-\lambda}$$

sive

$$= \pm \frac{h}{(1-\lambda)\operatorname{Cos}\delta} + fF + \frac{1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}\varphi' \operatorname{Sec}\delta'}{1-\lambda}(m + n\operatorname{Tang}\delta' + c\operatorname{Sec}\delta')$$

Primus terminus est negligendus, si non pro centro, sed pro observato limbo habere velis tempus Culminationis. Omisso divisore $1-\lambda$, qui est in

ultimo membro, tempus Culminationis hoc modo inventum Adscensionem rectam non pro ipso Culminationis momento sed pro momento transitus per medium filum suppeditat. Tum igitur, ut reductio fiat ad meridianum, expressio

$$fF + \left(1 - \varrho \operatorname{Sin}\pi \frac{\operatorname{Cos}\varphi'}{\operatorname{Cos}\delta'}\right)(m + n \operatorname{Tang}\delta' + c \operatorname{Sec}\delta')$$

est adhibenda, in qua ultimus terminus tantum in hoc discrepat a reductione pro stellis fixis adhibenda, quod in fractionem multiplicatus est, cujus minimus valor $\frac{1}{50}$, pro speculis Europaeis $\frac{1}{70}$ ab unitate diversus esse potest. Quam ob caussam fractio, quum m, n, c vulgo exiguum habent valorem, cum unitate poterit commutari.

Ut facilius reddatur calculus factoris F, in Tabula XIII logarithmum protuli quantitatis $1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta)$ sub nota $l.A$ cum Argumento $\operatorname{Log}(\varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta))$, complementumque logarithmi ipsius $1 - \lambda$ notatum per $l.B$, cujus Argumentum, nempe variatio Adscensionis rectae 12 horis medii temporis et minutis primis arcualibus expressum est. Quem motum pro duodecim horis quum Ephemerides inde a meridie usque ad mediam noctem, et a media nocte usque ad succedentem meridiem suppeditent, momentaneus motus pro tempore observationis interpolando derivari poterit *). Quodsi hic intervallum 12 horarum pro temporis unitate assumamus, id quod commodissimum erit, motusque ad hanc unitatem relatus significetur per $\Delta\alpha$, habebimus

$$\lambda = \frac{\Delta\alpha}{15 \,.\, 721{,}971 \ldots} = \frac{\Delta\alpha}{10830}$$

ergo quantitas B, cujus logarithmus Tabula continetur, erit

$$\frac{10830}{10830 - \Delta\alpha}$$

Ope hujus Tabulae habebimus

$$\operatorname{Log} F = \operatorname{Log} A + \operatorname{Log} B + \operatorname{Log.\,Sec}\delta.$$

Caeterum factoris F computatio superflua est, si Luna ad omnia fila instrumenti observata, tempus transitus per medium filum, ex omnibus omnium filorum transitibus collectum sciscitemur. Illud enim tempus habebitur, si medio arithmetico, quod ex omnibus temporibus observatis collectum sit, correctio addatur, quae ab inaequalitate distantiarum filorum oriatur. Ea semper cognita erit exiguaque est pars temporis, quod Luna consumit transeundo ab uno extremo filo ad alterum extremum.

Quaeratur Declinatio pro eodem tempore, pro quo jam determinata sit Adscensio recta. Si unus alterve limbus Lunae ad filum, quod sit instrumenti axi parallelum, tempore sidereo μ observatus erit, Declinationemque esse δ, instrumentum indicaverit, duo sunt ad inveniendum δ sphaerica triangula consideranda, quorum alterum aPl polum axis, polum mundi et centrum Lunae connectat, alterum lal' centrum Lunae, polum axis et punctum illud limbi Lunae, quod filum tangat, vicissim conjungat. In primo triangulo angulus P erit $= 90° + m + \mu - \alpha$, latus $Pa = 90° + n$, latus vero $Pl = 90° - \delta'$;

*) *Schumacher*, Astronomische Nachrichten. Nr. 33.

in altero triangulo angulus $l' = 90°$, latus $ll' = h'$. Observato limbo septentrionali, quantitas $90° - \delta$, differentia erit angulorum in puncto a sitorum utriusque trianguli, observato australi, quantitas illa summa erit; latus al utrique triangulo commune est. Quoniam pro primo triangulo habemus

$$\operatorname{Sin} al \,.\, \operatorname{Cos}(\delta, \mp lal') = \operatorname{Cos}\delta' \operatorname{Cos}(m+\mu-\alpha')$$
$$\operatorname{Sin} al \,.\, \operatorname{Sin}(\delta, \mp lal') = \operatorname{Sin}\delta' \operatorname{Cos} n - \operatorname{Cos}\delta' \operatorname{Sin} n \operatorname{Sin}(m+\mu-\alpha')$$

pro secundo

$$\operatorname{Sin} al \,.\, \operatorname{Sin} lal' = \operatorname{Sin} h',$$

inde derivabimus, eliminando ipsa al et lal'

$$\begin{aligned} \pm \operatorname{Sin} h' = {} & \operatorname{Cos}\delta' \operatorname{Cos}(m+\mu-\alpha') \,.\, \operatorname{Sin}\delta, \\ & + \operatorname{Cos}\delta' \operatorname{Sin}(m+\mu-\alpha') \,.\, \operatorname{Cos}\delta, \operatorname{Sin} n \\ & - \operatorname{Sin}\delta' \,.\, \operatorname{Cos}\delta, \operatorname{Cos} n \end{aligned}$$

Quae aequatio si multiplicata fuerit per $\triangle$, et quantitates α', δ', h' expressae fuerint per data geocentrica, invenietur:

$$\begin{aligned} \pm \operatorname{Sin} h = {} & \operatorname{Cos}\delta \,\{\operatorname{Sin}\delta, \operatorname{Cos}(m+\mu-\alpha) + \operatorname{Cos}\delta, \operatorname{Sin}(m+\mu-\alpha) \operatorname{Sin} n\} \\ & - \operatorname{Sin}\delta \operatorname{Cos}\delta, \operatorname{Cos} n \\ & - \varrho \operatorname{Sin}\pi \,\{\operatorname{Cos}\varphi' [\operatorname{Sin}\delta, \operatorname{Cos} m + \operatorname{Cos}\delta, \operatorname{Sin} m \operatorname{Sin} n] - \operatorname{Sin}\varphi' \operatorname{Cos}\delta, \operatorname{Cos} n\} \end{aligned}$$

unde δ omni rigore definitur. Sed quoniam quantitates $\operatorname{Sin}(m+\mu-\alpha) \operatorname{Sin} n$, $\operatorname{Sin} m \operatorname{Sin} n$ semper negligi possunt, $\operatorname{Cos} m$ vero et $\operatorname{Cos} n$ ponere licet $= 1$, habebitur:

$$\pm \operatorname{Sin} h - \varrho \operatorname{Sin}\pi \operatorname{Sin}(\varphi' - \delta,) = \operatorname{Sin}(\delta, -\delta) - \operatorname{Cos}\delta \operatorname{Sin}\delta, (1 - \operatorname{Cos}(m+\mu-\alpha)).$$

Si μ' designabit tempus centri Lunae culminantis, erit

$$\mu - \alpha = (\mu - \mu')(1 - \lambda);$$

sed quia in quantitate $1 - \operatorname{Cos}(m+\mu-\alpha)$ ipsum m poterit negligi, quum effectus ipsius tantum ordinis est $m \operatorname{Sin}(\mu - \alpha)$, invenietur:

$$\begin{aligned} \operatorname{Sin}(\delta - \delta,) = {} & \varrho \operatorname{Sin}\pi \operatorname{Sin}(\varphi' - \delta,) \mp \operatorname{Sin} h \\ & - \operatorname{Cos}\delta \operatorname{Sin}\delta, (1-\lambda)^2 (\mu - \mu')^2 \operatorname{Sin} \tfrac{1}{2}''. \end{aligned}$$

Inde haec instituendi calculi norma, quae ad veritatem satis accedit, facile derivatur, ubi $\mu - \mu'$ expressum est minutis secundis temporis:

$$\operatorname{Sin} p = \varrho \operatorname{Sin}\pi \operatorname{Sin}(\varphi' - \delta,)$$
$$\delta = \delta, + p \mp h \mp \left(\frac{p \mp h}{2}\right) \operatorname{Sin} p \operatorname{Sin} h$$
$$- \tfrac{225''}{4} \operatorname{Sin} 1'' \,.\, \operatorname{Sin} 2\delta, (1-\lambda)^2 (\mu - \mu')^2$$

Declinatio ita inventa ad temporis momentum μ'' reducitur, pro quo jam determinata est Adscensio recta, addendo variationem per temporis intervallum $\mu'' - \mu$. Ergo si momentanea Declinationis variatio, ad temporis unitatem duodecim horarum relata, minutisque primis expressa, significatur per $\triangle\delta$ poniturque

$$\lambda' = \frac{\triangle\delta}{721{,}971}$$

quaesita Declinatio erit $= \delta + (\mu'' - \mu)\lambda'$. Quantitas λ' invenitur in Tabula XIII.

Exemplum. Quaeritur Lunae et Adscensio recta et Declinatio, quae prodeant ex observatione Regiomontana in meridiano facta die 13. Jun. 1821.

1. Appulsus praecedentis limbi ad quinque fila instrumenti meridiani observati sunt:

$$49' 2'',8 \quad | \quad 49' 19'',8 \quad | \quad 15^h 49' 36'',7 \quad | \quad 49' 53'',2 \quad | \quad 50' 9'',8.$$

Per distantias filorum a medio filo, in Aequatore

$$29'',4225; \quad 14'',6386; \quad 14'',3144; \quad 28'',7773$$

notum est, medio arithmetico ex omnibus ad quinque fila observatis appulsibus intervallum temporis duorum extremorum filorum multiplicatum per 0,00333 addendum esse, quod pro hoc exemplo tempus transitus per medium filum suppeditat

$$= 15^h 49' 36'',46 + 67'',0 \,.\, 0,00333 = 15^h 49' 36'',683$$

Quodsi scire avemus, quid unumquodque suppeditet filum, e Tabula XIII quaerendus est factor F. Ex ephemeridibus Gallicis invenietur pro vero tempore Parisino $= 9^h 10'$, quod proxime accedit ad tempus observationis:

$$\begin{aligned} \triangle\alpha &= 6^\circ 39',0 \\ \delta &= -25^\circ 14',7 \\ \pi &= 55' 7'',0 \end{aligned}$$

Compressione sphaeroidis terrestris posita $= 0,00324$, pro Regiomonto erit

$$\text{Log}\,\varrho = 9,9990640, \quad \varphi' = 54^\circ 32' 18'',4$$

unde invenitur $\text{Log}\,\{\varrho \,\text{Sin}\,\pi \,\text{Cos}\,(\varphi' - \delta)\} = 7,45293.$

Atqui Tabula XIII suppeditat:

$$\begin{aligned} l.A &= 9,99876 \\ l.B &= 0,01630 \\ l.\text{Sec}\,\delta &= 0,04359 \\ \hline l.F &= 0,05865 \end{aligned}$$

cujus ope reductio singulorum filorum ad filum medium obtinetur:

Log. f	$f.F$	Temp. transit.
1,46868	$+ 33'',677$	$15^h\ 49'\ 36'',477$
1,16549	$+ 16,755$	36,555
		36,700
1,15577n	$- 16,384$	36,816
1,45905n	$- 32,938$	36,862
Medium		15 49 36,682

ubi exigua differentia 0'',001 ex eo oritur, quod in priore calculo intervallum temporis extremorum filorum 0'',38 majus sumptum est, quam fuisset pro distantia filorum.

Instrumenti deflexiones a meridiano quum essent

$$m = + 0'',03; \quad n = - 0'',297; \quad c = - 0'',017$$

invenietur cum $\delta' = - 26^\circ 9'$

$$\left\{ 1 - \varrho \,\text{Sin}\,\pi \frac{\text{Cos}\,\varphi'}{\text{Cos}\,\delta'} \right\} (m + n \,\text{Tang}\,\delta' + c \,\text{Sec}\,\delta') = + 0'',155$$

sive tempus transitus ad meridianum reductum erit

$$15^h\ 49'\ 36'',837.$$

Eodem die status horologii observabatur per 5 stellas fundamentales:

	in filo medio	Reduct.	A. R. appar.	Corr. horol.
β *Virginis*	$11^h\ 41'\ 21'',97$	$+\ 0'',002$	$11^h\ 41'\ 24'',071$	$+\ 2'',099$
α *Bootis*	14 7 30,59	$-\ 0,097$	14 7 32,585	$+\ 2,092$
1α *Librae*	14 40 48,92	$+\ 0,093$	14 40 50,943	$+\ 1,930$
α *Coronae*	15 27 7,86	$-\ 0,143$	15 27 9,564	$+\ 1,847$
α *Scorpii*	16 18 28,30	$+\ 0,156$	16 18 30,254	$+\ 1,798$
	Medium $14^h\ 27'$			$+\ 1,953$

quod cum diurna horologii correctionis variatione $-\ 0'',46$ ad tempus observationis Lunae reductum suppeditat

$$15^h\ 49'\ 36'',837 + 1'',927 = 15^h\ 49'\ 38'',764$$

ergo Adscensionem rectam praecedentis limbi Lunae

$$= 237^\circ\ 24'\ 41'',46$$

quae determinatio ad tempus transitus per medium filum $= 15^h\ 49'\ 38'',61$ temporis sideralis $= 10^h\ 22'\ 17'',29$ vero temporis medii solaris pertinet. Radius Lunae, qui pertinet ad parallaxin $55'\ 7'',0$, est $= 15'\ 1'',10$, quod multiplicatum per Sec δ subministrat $16'\ 36'',23$, et Adscensionem rectam centri quaesitam:

$$\alpha = 237^\circ\ 41'\ 17'',7.$$

2. Septentrionalis Lunae limbus tempore horologii $15^h\ 50'\ 55''$ observabatur per instrumenti Circulum, qui indicaverat $277^\circ\ 55'\ 42'',1$; correctio propter instrumenti flexionem et vitia divisionis est $= -\ 1'',21$, propter Refractionem vero $-\ 5'\ 40'',72$; locus Aequatoris in Circulo instrumenti erat $303^\circ\ 44'\ 4'',35$. Unde sequitur

$$\delta_{,} = -\ 25^\circ\ 54'\ 4'',18.$$

E numeris supra datis sequitur

$$p = 54'\ 14'',05$$

$$p-h = 39'\ 12'',95$$

$$-\frac{p-h}{2}\ \mathrm{Sin}\,p\ \mathrm{Sin}\,h = -\ 0'',08$$

et membrum a $\mu-\mu' = +11'',8$ dependens $= +0'',03$. Ex quo colligitur esse

$$\delta = -\ 25^\circ\ 14'\ 51'',28.$$

Quoniam determinatio haec valet pro $15^h\ 50'\ 55''$ temporis horologici, Adscensionis vero determinatio pro $15^h\ 49'\ 36'',68$ ejusdem temporis, variatio Declinationis per $-\ 1'\ 18'',32$ est addenda. Ex ephemeridibus laudatis sequitur $\Delta\delta = -\ 1^\circ 22',94$, quocum Tab. XIII suppeditat $\lambda' = -\ 0'',1149$. Cum hoc $(\mu''-\mu)\lambda'$ erit $= +\ 9'',00$, et postremo quaesitus Lunae locus

1821 Jun. 13. $10^h\ 22'\ 17'',29$ temp. med.

A.R $= 237^\circ\ 41'\ 17'',7$; Decl. $= -\ 25^\circ\ 14'\ 42'',3$

Formulas etiam dabo pro eo casu, ubi Declinationem Lunae non ope instrumenti collocati in meridiano sed ope instrumenti circa verticalem axem

rotantis, metiendo plures distantias a vertice ante et post culminationem observemus.

Apparentem distantiam a vertice, quae pertineat ad tempus sidereum μ, notabo per z, distantiam vero, quae sit momento culminationis μ', per Z: tum $Z - z$ exprimenda est per $\mu - \mu'$.

Quoniam habemus

$$\operatorname{Cos} z = \operatorname{Sin}\varphi \operatorname{Sin}\delta' + \operatorname{Cos}\varphi \operatorname{Cos}\delta' \operatorname{Cos}(\mu - \alpha')$$

quum fuerit multiplicata per Δ apparensque Lunae locus expressus per locum geocentricum, erit

$$\Delta \operatorname{Cos} z = \operatorname{Sin}\varphi \operatorname{Sin}\delta + \operatorname{Cos}\varphi \operatorname{Cos}\delta \operatorname{Cos}(\mu - \alpha) - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi - \varphi');$$

pari modo, valoribus ipsorum Δ et δ pro momento culminationis per Δ' et d designatis, erit

$$\Delta' \operatorname{Cos} Z = \operatorname{Cos}(\varphi - d) - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi - \varphi').$$

Quodsi brevitatis gratia ponuntur

$$\operatorname{Cos}(\varphi - d) + u \text{ pro } \operatorname{Sin}\varphi \operatorname{Sin}\delta + \operatorname{Cos}\varphi \operatorname{Cos}\delta \operatorname{Cos}(\mu - \alpha)$$
$$p \text{ pro } \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi - \varphi'),$$

habebimus

$$\operatorname{Cos} z - \operatorname{Cos} Z = \frac{u}{\Delta} + [\operatorname{Cos}(\varphi - d) - p]\frac{\Delta' - \Delta}{\Delta\Delta'}$$

et quadrato ipsius $Z - z$ neglecto

$$Z - z = \frac{u}{\Delta \operatorname{Sin} Z} + [\operatorname{Cos}(\varphi - d) - p]\frac{\Delta' - \Delta}{\Delta\Delta' \operatorname{Sin} Z}.$$

Si in expressione

$$\Delta = \sqrt{\{1 - 2\varrho \operatorname{Sin}\pi [\operatorname{Sin}\varphi' \operatorname{Sin}\delta + \operatorname{Cos}\varphi' \operatorname{Cos}\delta \operatorname{Cos}(\mu - \alpha)] + \varrho\varrho \operatorname{Sin}\pi^2\}}$$

in locum quantitatum $\varrho \operatorname{Sin}\varphi'$ et $\varrho \operatorname{Cos}\varphi'$ earum expressiones per altitudinem poli φ substitutae erunt, habebimus

$$\Delta = \sqrt{\left\{1 - \frac{2 \operatorname{Sin}\pi}{\sqrt{(1 - \varepsilon\varepsilon \operatorname{Sin}\varphi^2)}} [\operatorname{Sin}\varphi \operatorname{Sin}\delta(1 - \varepsilon\varepsilon) + \operatorname{Cos}\varphi \operatorname{Cos}\delta \operatorname{Cos}(\mu - \alpha)] + \varrho\varrho \operatorname{Sin}\pi^2\right\}}$$

$$= \sqrt{\left\{1 - \frac{2 \operatorname{Sin}\pi}{\sqrt{(1 - \varepsilon\varepsilon \operatorname{Sin}\varphi^2)}} [\operatorname{Cos}(\varphi - d) - \varepsilon\varepsilon \operatorname{Sin}\varphi \operatorname{Sin}\delta + u] + \varrho\varrho \operatorname{Sin}\pi^2\right\}}$$

ideoque

$$\Delta' = \sqrt{\left\{1 - \frac{2 \operatorname{Sin}\pi}{\sqrt{(1 - \varepsilon\varepsilon \operatorname{Sin}\varphi^2)}} [\operatorname{Cos}(\varphi - d) - \varepsilon\varepsilon \operatorname{Sin}\varphi \operatorname{Sin} d] + \varrho\varrho \operatorname{Sin}\pi^2\right\}}$$

unde reperitur sufficiente approximatione

$$\Delta = 1 - \operatorname{Sin}\pi \operatorname{Cos} Z$$

$$[\operatorname{Cos}(\varphi - d) - p]\frac{\Delta' - \Delta}{\Delta'} = \operatorname{Sin}\pi \operatorname{Cos} Z \,.\, u$$

quibus in expressione ipsius $Z - z$ substitutis prodit

$$Z - z = \frac{u}{(1 - \operatorname{Sin}\pi \operatorname{Cos} Z)^2 \operatorname{Sin} Z}$$

Ad inventionem ipsius u habebimus, quantitate $\mu - \mu'$ minutis secundis temporis siderei expressa,

$$\mu - \alpha = 15(\mu - \mu')(1 - \lambda)$$
$$\delta = d + (\mu - \mu')\lambda'$$

unde sequitur

$$u = \lambda' \operatorname{Sin} Z\,(\mu-\mu') - \tfrac{225}{2} \operatorname{Sin} 1''\,(1-\lambda)^2 \operatorname{Cos}\varphi \operatorname{Cos} d\,(\mu-\mu')^2$$

sive

$$u = -\tfrac{225}{2} \operatorname{Sin} 1''.\,(1-\lambda)^2 \operatorname{Cos}\varphi \operatorname{Cos} d\,\{(\mu-\mu'-b)^2 - bb\}$$

ubi, ut brevi comprehendatur, scriptum est

$$b \text{ pro } \frac{\lambda' \operatorname{Sin} Z}{225 \operatorname{Sin} 1''(1-\lambda)^2 \operatorname{Cos}\varphi \operatorname{Cos} d}$$

Si adhibentur quae sunt in Tabula XIII quantitates A et B, quibus jam supra usi sumus, habebimus formulas has:

$$a = \tfrac{225}{2} \operatorname{Sin} 1''.\frac{\operatorname{Cos}\varphi \operatorname{Cos} d}{B^2 . \operatorname{Sin}(\varphi - d)}$$

$$b = \frac{\lambda'}{2a}$$

$$M = \mu' + b$$

$$Z - z = -\frac{a}{A^2}(\mu - M)^2 + \frac{a}{A^2} . bb$$

Has formulas in tertia Sectione observationum mearum promulgavi, quia Lunae in specula Regiomontana frequentes factae sunt observationes per distantias zenithales easque circummeridianas.

Tabula XIV.

Refractio Astronomica.

Refractionis Tabula, quam hic tradam, ex ea, quam e *Bradleji* observationibus derivaveram *), orta est hoc modo, quod correctiones adhibui necessarias, ut illarum cum Regiomontanis completa fieret consensio. Cujus Tabulae historiam breviter hic attingendam esse, haud superfluum duco. Tabulae in „Fundamentis Astronomiae" subest haec hypothesis, densitatem aëris in altitudine as supra superficiem terrae esse

$$= (\varrho) e^{-\frac{(g-l)}{gl} . as}$$

ubi (ϱ) densitatem in superficie terrae, a radium osculatorem meridiani pro specula Grenovicensi = 3269805 *Tois.*, g constantem valorem 116865,8 *Tois.*

$$l = 4226{,}05 \text{ Tois.} \{1 + (\tau - 50)\, 0{,}00208333\}$$

et τ gradum Thermometri a *Bradlejo* adhibiti significat. Pro unitate, qua metiamur (ϱ), sumpta est ea aëris densitas, quae tum erit, quum Barometrum 29,6 digitos Anglicos, Thermometrum indicaverit 50°. Sin Barometri altitudo erit b, Thermometrum vero, Barometro affixum, temperaturam τ' indicabit mercurii, positum est

$$(\varrho) = \frac{b}{29{,}6\,\{1 + (\tau' - 50)\, 0{,}0001025\}\,\{1 + (\tau - 50) 0{,}00208333\}}$$

*) Fundamenta Astronomiae pro Anno 1755. Sect. IV.

Pro aëris densitate $=1$, Tabula constantem Refractionis numerum

$$\alpha = 57'',538$$

supponit

His positis elementis, Refractio invenitur e solutione problematis, a *Krampio* et *Laplacio* prolati. Tabula non modo Refractionis valorem continet pro $b = 29,6$ et $\tau = \tau' = 50°$, sed etiam variationes, quas illa patitur, si b, τ, τ' alios nanciscantur valores. Sed hae variationes theoriae convenienter computatae sunt, neque, ut in prioribus Tabulis suppositum est, totam Refractionem densitati aëris in loco observationis esse proportionalem. Quo accuratiore calculo effectus Barometri et Thermometri consensio Tabulae cum observationibus valde aucta est. Etiam illi, qui serius hanc rem tractaverunt, exemplum Tabulae meae plane secuti sunt plus minusve. Thermometrum, scala Fahrenheitiana instructum, quo *Bradlejus* utebatur ad cognoscendam aëris temperaturam, quum esset mense Octob. 1750 in nivem immersum, punctum gelationis habuit in 33°, 25, unde supposui, quoniam sufficientes carent de hoc instrumento investigationes, omnes temperaturas illud indicasse 1°,25 supra veras, ergo Tabulam valere pro 48°,75 veri Thermometri Fahrenheitiani. Refractione hujus Tabulae significata per $\delta\theta$, quum A et λ numeri sint, qui in Tabula pro unaquaque distantia zenithali inveniantur, formula, qua vera computabitur Refractio pro Barometri altitudine b, pro indicationibus interioris et exterioris Thermometri f' et f, erit:

$$\delta\theta \left\{ \frac{b}{29,6\,\{1+(f'-50)\,0,0001025\,\}} \right\} A\,\{1+(f-48,75)\,0,00208333\,\} - \lambda$$

Annis 1820 et 1821 postquam Circulum meridianum a *Reichenbachio* et *Ertellio* confectum, quo tum specula Regiomontana instructa erat, ita examinaveram, ut observationibus hoc instrumento institutis exiguas illas addere possem correctiones, quae a flexione instrumenti et a divisionis erroribus orirentur, quumque instrumentum ita examinatum certissimas polliceretur observationes, methodo insuper adhibita Thermometrum plane corrigendi, ad novam Refractionis Tabulam condendam observationes pervestigavi stellarum 58 circumpolarium, quae a stella α *Ursae minoris* culminant usque ad distantiam zenithalem 86° 27′. Quum Refractionis variationes, a temperatura profectas, ex observationibus 56 stellarum, quarum distantia zenithalis 60° transcenderet, determinare operam dedissem, inveni, densitatem aëris in temperatura x pro scala centesimali Thermometri sumendam esse

$$= \frac{1}{1+x\,.\,0,0036438}$$

ut observationes quam accuratissime repraesentarentur. Hunc quidem coefficientem Cel. *Gay-Lussac* invenit $= 0,00375$, sed quum hic pro aëre sicco, cujus majores fere sunt respectu Refractionis mutationes, quam aëris humore satiati, numerus inventus a me medio cuidam humoris statui respondet, ita ut posito hoc statu, hic cum illo consentiat numerus. Quam ob caussam illi numero numerum praeferre non dubitavi meum. Porro hac posita deter-

mination inveni, Refractiones in Tabula „Fundamentorum Astronomiae“ multiplicandas esse per 1,003282, ut, quantum fieri possit, cum observationibus Regiomontanis consentiant. Serius Barometri altitudines, in his observationibus adhibiti, dimidia Linea Parisiensi augendas esse cognovi, quo efficitur, ut Barometri altitudo, pro qua Refractiones per 1,003282 multiplicatae valent, non adaequat Lineas Parisinas 333,28, ut suppositum est in disquisitione, sed Lineas 333,78. Quae correctio differentiam inter recentem et veterem determinationem vel minorem praebet, quia nunc tantum est in ratione 1 : 0,001779, quod, quum pro distantia zenithali 80° nondum 0″,6 assequatur, profecto limites non egrediatur incertitudinis, qua *Bradleji* instrumenta meteorologica sunt affecta. Utramque igitur determinationem inter se congruere, supponendum est, meaque quidem sententia etiam observationes Grenovicenses reduci poterunt secundum Tabulam Regiomontanam, in qua respectu instrumentorum meteorologicorum nihil incertum residet.

Secundum has igitur pervestigationes Refractionem habemus:

$$= (1 + k)\,\delta\theta \,.\, \beta^{A} \,.\, \gamma^{\lambda}$$

ubi $k = 0{,}003282$, β significat Barometri altitudinem divisam per 333,78 Lineas (utramque altitudinem supponimus reductam ad easdem et mercurii et scalae temperaturas), γ aëris densitatem, quatenus a sola temperatura pendentem, item divisam per densitatem eam, quae pro 48°,75 Thermometri Fahrenheitiani locum habet. Aëris temperaturam, prout illam sive scala Fahrenheitiana metiamur, sive Réaumuriana, sive Centesimali, notabimus per f, r, c; Barometri temperaturam per f', r', c', Barometri altitudinem sive Lineis Parisiensibus, sive digitis Anglicis, sive partibus Metri Gallici expressam per $b^{(l)}$, $b^{(c)}$, $b^{(m)}$ significabimus. Quoniam normalis temperaturae sunt harum mensurarum resp. $r' = 13°{,}0$, $f' = 62°$, $c' = 0$, Barometri altitudo ad veram mensuram reducta erit resp.

$$b^{(l)}\,\frac{80 + r's}{80 + 13\,.\,s}; \quad b^{(e)}\,\frac{180 + (f' - 32)s}{180 + 30\,.\,s}; \quad b^{(m)}\,\frac{100 + c's}{100}$$

ubi s extensionem indicat scalae a puncto glaciali usque ad punctum aquae bullientis, et si scala erit ex aurichalco fabricata, $= 0{,}0018782$. Sed quia digitus Anglicus metitur Lineas Parisienses 12 : 1,065765, Metrum vero 443,296, habebimus

$$b^{(l)}\,\frac{80 + r's}{80 + 13s} = b^{(e)}\,\frac{12}{1{,}065765} \,.\, \frac{180 + (f' - 32)\,s}{180 + 30s}$$

$$= b^{(m)}\,443{,}296 \,.\, \frac{100 + c's}{100}$$

Supposita normalis Barometri altitudo Linearum 333,78, quam scala dimetiamur, cujus sit temperatura $f' = 50°$ sive $r' = 8°$ sive $c' = 10°$, vera Parisiensi mensura expressa, erit

$$333{,}78\,\frac{80 + 8\,.\,s}{80 + 13\,.\,s}$$

porro mercurii densitas, quae pro eadem temperatura sumpta est pro unitate, erit

$$= \frac{80 + 8 \,.\, q}{80 + s' \,.\, q} = \frac{180 + 18 q}{180 + (f' - 32) q} = \frac{100 + 10 \,.\, q}{100 + c' \,.\, q}$$

ubi q extensionem significat a puncto gelationis usque ad punctum ferventis aquae $= \frac{1}{55,5}$. Quantitas igitur β e duobus composita est factoribus B et T, quorum prior a sola Barometri altitudine, alter pendet a temperatura Barometri. Prior ille hic est:

$$B = \frac{b^{(l)}}{333,78} \cdot \frac{80 + 8 \,.\, q}{80 + 8 \,.\, s}$$

$$= \frac{b^{(e)}}{333,78} \cdot \frac{12}{1,065765} \cdot \frac{80 + 13 s}{80 + 8 s} \cdot \frac{180 + 18 \,.\, q}{180 + 30 \,.\, s}$$

$$= b^{(m)} \,.\, \frac{443,296}{333,78} \cdot \frac{80 + 13 s}{80 + 8 s} \cdot \frac{100 + 10 \,.\, q}{100}$$

alter

$$T = \frac{80 + r' s}{80 + r' q} = \frac{180 + (f' - 32) s}{180 + (f' - 32) q} = \frac{100 + c' s}{100 + c' q}$$

Tabula continet logarithmos duorum illorum factorum quantitatis β pro quoque Argumento, porro logarithmum continet ipsius

$$\gamma = \frac{180 + 16,75 \,.\, 0,36438}{180 + (f - 32)\, 0,36438}$$

$$= \frac{180 + 16,75 \,.\, 0,36438}{180 + \frac{9}{4} r \,.\, 0,36438}$$

$$= \frac{180 + 16,75 \,.\, 0,36438}{180 + \frac{9}{5} c \,.\, 0,36438}$$

pro tribus illis variorum Thermometrorum scalis. Loco logarithmi ipsius $(1 + k)\, \delta\theta$ continet $\mathrm{Log}\, \alpha$ ita sumptum, ut sit

$$\mathrm{Log}\, [(1 + k) \delta\theta] = \mathrm{Log}\, \alpha + \text{Log. Tang. Dist. a Vert.}$$

Ergo habebimus logarithmum Refractionis:

$$= l \,.\, \mathrm{Tang}\, \theta + l \,.\, \alpha + A \{ l \,.\, B + l \,.\, T \} + \lambda \,.\, l \,.\, \gamma.$$

Tabula hoc modo comparata usque ad distantiam zenithalem 85° continuata est. Usque ad hunc fere terminum ipsam examinavi observationibus meridianis, quas supra memoravi. Sed pro distantiis majoribus a Vertice Cl. *Argelander*, qui nunc praepositus est speculae Aboensi, tunc temporis adjunctus erat Regiomontanae, annis 1820 et 1821 numerosas fecit circa stellas occidentes observationes, ex quibus Tabulae in „Fundamentis Astronomiae" expositae errores pro dimidio quoque gradu distantiae zenithalis sunt derivati. *Observatas* has Refractiones quasi supplementum Tabulae adjeci, cujus reductio ad alias Barometri altitudines aliasque temperaturas ope ejusdem formulae supra explicatae efficitur; valores quantitatum A et λ ad hanc reductionem accommodati e „Fund. Astr." deprompti sunt.

Neminem fugit, strata aëris inaequaliter esse calefacta et hanc ob causam eorum aequilibrium esse perturbatum. Cujus quoniam contrarium debet quaeque theoria supponere, apertum est, theoriam non semper cum observa-

tionibus posse consentire, sed mediis tantum Refractionum valoribus se applicare. Ex quo perspicuum est, necessarium esse, verisimilem cujusque Refractionis computatae errorem ex inaequalitatibus, quae in observationum serie satis longa reperiantur, pro unaquaque distantia zenithali deducere, ut, quae sit Tabulae fides habenda in unoquoque casu, judicare possimus. Hujus rei disquisitio, quae Regiomontanis nitebatur observationibus, mihi haec suppeditavit.

Error verisimilis unius Refractionis ope Tabulae computatae.

D . a V.	±	*D . a V.*	±
45°	0″,27	85° 0′	1″,71
60	0,34	30	2,00
65	0,37	86 0	2,40
70	0,46	30	2,63
75	0,66	87 0	3,87
80	0,92	30	5,30
81	1,00	88 0	7,74
82	1,11	30	10,58
83	1,25	89 0	16,84
84	1,43	30	20,01

Ex quo perspicuum est, inaequalitates e memoratis caussis ortas, s temperatura et Barometri altitudo ad normam Tabulae meae ad calculos vocatae fuerint, in ultimis demum distantiae zenithalis gradibus valde sensibiles esse.

Exemplum. Quaeritur Refractio pro apparente distantia zenithali $\theta = 83° 13' 20''$, pro Barometri altitudine 335,20 Linearum Paris., pro temperatura Barometri $= -18°,0$ *C.*, temperatura aëris $= -7°,0$ *F.*

Tabula XIV suppeditat

	$l\alpha =$	1,73062	$A = 1,0079$, $\lambda = 1,0794$
Log Tang θ		0,92500	
$l . B = +254$			
$l . T = +126$			
$l\beta = +380$;	$Al\beta$. . . .	0,00383	
$l\gamma = +4545$;	$\lambda l\gamma$	0,04906	
		2,70851	

Refractio $= 8' 31'',10$.

Tabula I.

Reductionis diei ad annum fictum pars prima = k.

	h ′ ″			h ′ ″	
1750	+ 0 14 25,3	+ 0,010	1790	+ 7 42 25,7	+ 0,321
1751	− 5 34 22,8	− 0,232	1791	+ 1 53 37,8	+ 0,079
1752	+ 12 36 49,1	+ 0,526	1792	+ 20 4 50,0	+ 0,837
1753	+ 6 48 1,0	+ 0,283	1793	+ 14 16 2,1	+ 0,594
1754	+ 0 59 12,9	+ 0,041	1794	+ 8 27 14,3	+ 0,352
1755	− 4 49 35,1	− 0,201	1795	+ 2 38 26,4	+ 0,110
1756	+ 13 21 36,8	+ 0,557	1796	+ 20 49 38,6	+ 0,868
1757	+ 7 32 48,7	+ 0,314	1797	+ 15 0 50,8	+ 0,626
1758	+ 1 44 0,6	+ 0,072	1798	+ 9 12 2,9	+ 0,383
1759	− 4 4 47,4	− 0,170	1799	+ 3 23 15,1	+ 0,141
1760	+ 14 6 24,5	+ 0,588	1800	− 2 25 32,7	− 0,101
1761	+ 8 17 36,5	+ 0,346	1801	− 8 14 20,5	− 0,343
1762	+ 2 28 48,4	+ 0,103	1802	− 14 3 8,3	− 0,586
1763	− 3 19 59,6	− 0,139	1803	− 19 51 56,1	− 0,828
1764	+ 14 51 12,4	+ 0,619	1804	− 1 40 43,9	− 0,070
1765	+ 9 2 24,4	+ 0,377	1805	− 7 29 31,7	− 0,312
1766	+ 3 13 36,3	+ 0,134	1806	− 13 18 19,5	− 0,554
1767	− 2 35 11,7	− 0,108	1807	− 19 7 7,2	− 0,797
1768	+ 15 36 0,3	+ 0,650	1808	− 0 55 55,0	− 0,039
1769	+ 9 47 12,3	+ 0,408	1809	− 6 44 42,8	− 0,281
1770	+ 3 58 24,3	+ 0,166	1810	− 12 33 30,5	− 0,523
1771	− 1 50 23,7	− 0,077	1811	− 18 22 18,3	− 0,765
1772	+ 16 20 48,4	+ 0,681	1812	− 0 11 6,0	− 0,008
1773	+ 10 32 0,4	+ 0,439	1813	− 5 59 53,8	− 0,250
1774	+ 4 43 12,4	+ 0,197	1814	− 11 48 41,5	− 0,492
1775	− 1 5 35,5	− 0,046	1815	− 17 37 29,2	− 0,734
1776	+ 17 5 36,5	+ 0,712	1816	+ 0 33 43,1	+ 0,023
1777	+ 11 16 48,5	+ 0,470	1817	− 5 15 4,6	− 0,219
1778	+ 5 28 0,6	+ 0,228	1818	− 11 3 52,3	− 0,461
1779	− 0 20 47,3	− 0,014	1819	− 16 52 40,0	− 0,703
1780	+ 17 50 24,7	+ 0,743	1820	+ 1 18 32,3	+ 0,055
1781	+ 12 1 36,8	+ 0,501	1821	− 4 30 15,4	− 0,188
1782	+ 6 12 48,9	+ 0,259	1822	− 10 19 3,1	− 0,430
1783	+ 0 24 1,0	+ 0,017	1823	− 16 7 50,8	− 0,672
1784	+ 18 35 13,1	+ 0,774	1824	+ 2 3 21,5	+ 0,086
1785	+ 12 46 25,1	+ 0,532	1825	− 3 45 26,1	− 0,157
1786	+ 6 57 37,2	+ 0,290	1826	− 9 34 13,8	− 0,399
1787	+ 1 8 49,4	+ 0,048	1827	− 15 23 1,4	− 0,641
1788	+ 19 20 1,5	+ 0,806	1828	+ 2 48 10,9	+ 0,117
1789	+ 13 31 13,6	+ 0,563	1829	− 3 0 36,7	− 0,125

Tabula I. *continuata.*

1830	−	8 49 24,4	− 0,368	1840	+	5 2 39,6	+ 0,210
1831	−	14 38 12,0	− 0,610	1841	−	0 46 8,0	− 0,032
1832	+	3 33 0,4	+ 0,148	1842	−	6 34 55,6	− 0,274
1833	−	2 15 47,2	− 0,094	1843	−	12 23 43,1	− 0,516
1834	−	8 4 34,8	− 0,337	1844	+	5 47 29,3	+ 0,241
1835	−	13 53 22,5	− 0,579	1845	−	0 1 18,2	− 0,001
1836	+	4 17 49,9	+ 0,179	1846	−	5 50 5,8	− 0,243
1837	−	1 30 57,7	− 0,063	1847	−	11 38 53,3	− 0,485
1838	−	7 19 45,3	− 0,305	1848	+	6 32 19,2	+ 0,272
1839	−	13 8 32,8	− 0,548	1849	+	0 43 31,7	+ 0,030

Tabula II.

Reductionis diei ad annum fictum pars secunda = d.

Aboa	−	1 19 49,2	− 0,056
Altona	−	0 30 25,0	− 0,021
Berolinum	−	0 44 12,6	− 0,031
Brema	−	0 25 54,0	− 0,018
Dorpatum	−	1 37 33,5	− 0,068
Eblana	+	0 34 36,0	+ 0,024
Florentia	−	0 35 42,0	− 0,025
Gotha (Seeberg)	−	0 33 34,9	− 0,023
Gottinga	−	0 30 25,0	− 0,021
Grenovicum	+	0 9 21,6	+ 0,007
Hafnia	−	0 40 58,4	− 0,028
Manhemium	−	0 24 30,0	− 0,017
Massilia	−	0 12 7,5	− 0,008
Mediolanum	−	0 27 25,0	− 0,019
Monachium	−	0 37 4,9	− 0,026
Nicolaef	−	1 58 39,8	− 0,082
Panormus	−	0 44 7,0	− 0,031
Parisii		0 0 0,0	0,000
Regiomontum	−	1 12 39,0	− 0,050
Vienna	−	0 56 10,4	− 0,039

Reductio diei = k + d.

Tabula III.

Praecessio Aequinoctiorum media.

	Praecessio annua		Obliquitas Ecliptices	
	Lunisol.	General.	fixae pro 1750	verae
	″	″	° ′ ″	° ′ ″
1750	50,37572	50,21129	23 28 18,000	23 28 18,000
1760	50,37328	50,21373	18,001	28 13,163
1770	50,37085	50,21617	18,004	28 8,325
1780	50,36841	50,21862	18,009	28 3,487
1790	50,36598	50,22106	18,016	27 58,648
1800	50,36354	50,22350	18,025	27 53,809
1810	50,36110	50,22594	18,035	27 48,969
1820	50,35867	50,22839	18,048	27 44,129
1830	50,35623	50,23083	18,063	27 39,288
1840	50,35380	50,23328	18,080	27 34,447
1850	50,35136	50,23572	18,098	27 29,605

	m	n	Log. n	π	M
	″	″		″	° ′ ″
1750	46,02824	20,06442	1,30243	0,48892	171 36 10
1760	46,03133	20,06345	1,30241	0,48886	171 42 48
1770	46,03441	20,06248	1,30238	0,48880	171 49 26
1780	46,03750	20,06151	1,30236	0,48874	171 56 4
1790	46,04059	20,06054	1,30234	0,48867	172 2 42
1800	46,04367	20,05957	1,30232	0,48861	172 9 20
1810	46,04676	20,05860	1,30230	0,48855	172 15 57
1820	46,04984	20,05763	1,30228	0,48849	172 22 35
1830	46,05293	20,05666	1,30226	0,48843	172 29 13
1840	46,05601	20,05569	1,30224	0,48837	172 35 51
1850	46,05910	20,05472	1,30222	0,48831	172 42 29

Variationes annuae locorum stellarum fixarum inveniuntur secundum formulas sequentes:

A. R. . α ..... $m + n \sin\alpha \tan\delta$.

Decl. . δ ..... $n \cos\alpha$.

Long. . l ..... $\pi \cos(l - M) \tan b$ + Praecess. generalis.

Lat. . b ..... $- \pi \sin(l - M)$.

Tabula IV.

Nutatio Lunaris puncti aequinoctialis pro Longitudine et Adscensione recta, atque Obliquitas Ecliptices media addita Nutatione Lunari.

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		″	″	° ′ ″			″	″	° ′ ″
1750	Jan. 0	+16,44	+1,005	23 28 19,34	1758	Jan. 0	—13,84	—0,846	23 28 8,80
	Apr. 10	+16,69	+1,020	18,40		Apr. 10	—14,67	—0,897	9,38
	Jul. 19	+16,79	+1,026	17,45		Jul. 19	—15,36	—0,939	10,00
	Oct. 27	+16,75	+1,024	16,50		Oct. 27	—15,92	—0,974	10,65
	Dec. 66	+16,56	+1,013	15,54		Dec. 66	—16,35	—1,000	11,33
1751	Jan. 0	+16,64	+1,017	23 28 15,87	1759	Jan. 0	—16,22	—0,992	23 28 11,10
	Apr. 10	+16,36	+1,000	14,93		Apr. 10	—16,55	—1,012	11,79
	Jul. 19	+15,94	+0,975	14,00		Jul. 19	—16,74	—1,024	12,48
	Oct. 27	+15,38	+0,941	13,10		Oct. 27	—16,78	—1,027	13,18
	Dec. 66	+14,68	+0,898	12,22		Dec. 66	—16,69	—1,021	13,89
1752	Jan. 1	+14,94	+0,914	23 28 12,52	1760	Jan. 1	—16,74	—1,024	23 28 13,65
	Apr. 10	+14,16	+0,866	11,67		Apr. 10	—16,55	—1,012	14,35
	Jul. 19	+13,26	+0,811	10,87		Jul. 19	—16,22	—0,992	15,03
	Oct. 27	+12,24	+0,748	10,11		Oct. 27	—15,76	—0,963	15,69
	Dec. 66	+11,09	+0,678	9,39		Dec. 66	—15,15	—0,927	16,33
1753	Jan. 0	+11,50	+0,703	23 28 9,63	1761	Jan. 0	—15,37	—0,940	23 28 16,11
	Apr. 10	+10,30	+0,630	8,96		Apr. 10	—14,69	—0,898	16,72
	Jul. 19	+ 9,01	+0,551	8,36		Jul. 19	—13,89	—0,850	17,30
	Oct. 27	+ 7,64	+0,467	7,82		Oct. 27	—12,98	—0,794	17,83
	Dec. 66	+ 6,19	+0,378	7,34		Dec. 66	—11,95	—0,731	18,32
1754	Jan. 0	+ 6,69	+0,409	23 28 7,50	1762	Jan. 0	—12,32	—0,753	23 28 18,16
	Apr. 10	+ 5,21	+0,319	7,07		Apr. 10	—11,23	—0,687	18,61
	Jul. 19	+ 3,69	+0,226	6,73		Jul. 19	—10,06	—0,615	19,00
	Oct. 27	+ 2,13	+0,130	6,46		Oct. 27	— 8,81	—0,539	19,33
	Dec. 66	+ 0,54	+0,033	6,26		Dec. 66	— 7,47	—0,457	19,61
1755	Jan. 0	+ 1,09	+0,066	23 28 6,32	1763	Jan. 0	— 7,94	—0,485	23 28 19,52
	Apr. 10	— 0,50	—0,031	6,18		Apr. 10	— 6,57	—0,401	19,75
	Jul. 19	— 2,08	—0,127	6,12		Jul. 19	— 5,16	—0,315	19,91
	Oct. 27	— 3,63	—0,222	6,14		Oct. 27	— 3,70	—0,226	20,00
	Dec. 66	— 5,18	—0,317	6,23		Dec. 66	— 2,20	—0,135	20,02
1756	Jan. 1	— 4,65	—0,286	23 28 6,19	1764	Jan. 1	— 2,72	—0,166	23 28 20,02
	Apr. 10	— 6,15	—0,377	6,34		Apr. 10	— 1,22	—0,074	19,99
	Jul. 19	— 7,59	—0,464	6,56		Jul. 19	+ 0,29	+0,018	19,89
	Oct. 27	— 8,96	—0,548	6,85		Oct. 27	+ 1,79	+0,110	19,71
	Dec. 66	—10,27	—0,628	7,21		Dec. 66	+ 3,30	+0,202	19,46
1757	Jan. 0	— 9,83	—0,601	23 28 7,08	1765	Jan. 0	+ 2,79	+0,170	23 28 19,56
	Apr. 10	—11,07	—0,677	7,48		Apr. 10	+ 4,27	+0,261	19,26
	Jul. 19	—12,20	—0,746	7,94		Jul. 19	+ 5,70	+0,349	18,90
	Oct. 27	—13,22	—0,809	8,44		Oct. 27	+ 7,10	+0,434	18,46
	Dec. 66	—14,14	—0,865	8,99		Dec. 66	+ 8,46	+0,517	17,95

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		″	″	° ′ ″			″	″	° ′ ″
1766	Jan. 0	+ 8,00	+0,489	23 28 18,13	1775	Jan. 0	— 6,76	—0,413	23 27 57,91
	Apr. 10	+ 9,30	+0,569	17,60		Apr. 10	— 8,18	—0,500	58,17
	Jul. 19	+10,52	+0,643	16,98		Jul. 19	— 9,51	—0,582	58,48
	Oct. 27	+11,66	+0,713	16,32		Oct. 27	—10,77	—0,659	58,85
	Dec. 66	+12,71	+0,778	15,59		Dec. 66	—11,94	—0,730	59,31
1767	Jan. 0	+12,36	+0,756	23 28 15,84	1776	Jan. 1	—11,55	—0,706	23 27 59,15
	Apr. 10	+13,34	+0,816	15,09		Apr. 10	—12,64	—0,773	59,63
	Jul. 19	+14,21	+0,869	14,29		Jul. 19	—13,62	—0,833	28 0,15
	Oct. 27	+14,97	+0,915	13,45		Oct. 27	—14,47	—0,885	0,73
	Dec. 66	+15,60	+0,954	12,57		Dec. 66	—15,21	—0,930	1,35
1768	Jan. 1	+15,40	+0,942	23 28 12,88	1777	Jan. 0	—14,97	—0,916	23 28 1,13
	Apr. 10	+15,95	+0,975	11,98		Apr. 10	—15,61	—0,955	1,77
	Jul. 19	+16,36	+1,000	11,06		Jul. 19	—16,12	—0,986	2,43
	Oct. 27	+16,64	+1,017	10,13		Oct. 27	—16,48	—1,008	3,11
	Dec. 66	+16,77	+1,026	9,17		Dec. 66	—16,71	—1,022	3,81
1769	Jan. 0	+16,74	+1,024	23 28 9,50	1778	Jan. 0	—16,65	—1,018	23 28 3,57
	Apr. 10	+16,79	+1,026	8,55		Apr. 10	—16,78	—1,026	4,28
	Jul. 19	+16,69	+1,020	7,60		Jul. 19	—16,76	—1,025	4,98
	Oct. 27	+16,44	+1,005	6,65		Oct. 27	—16,61	—1,015	5,67
	Dec. 66	+16,05	+0,982	5,72		Dec. 66	—16,31	—0,997	6,36
1770	Jan. 0	+16,20	+0,991	23 28 6,04	1779	Jan. 0	—16,43	—1,005	23 28 6,13
	Apr. 10	+15,72	+0,961	5,12		Apr. 10	—16,04	—0,981	6,80
	Jul. 19	+15,11	+0,924	4,23		Jul. 19	—15,52	—0,949	7,45
	Oct. 27	+14,36	+0,878	3,37		Oct. 27	—14,87	—0,909	8,07
	Dec. 66	+13,48	+0,825	2,55		Dec. 66	—14,09	—0,862	8,66
1771	Jan. 0	+13,80	+0,844	23 28 2,82	1780	Jan. 1	—14,37	—0,879	23 28 8,46
	Apr. 10	+12,84	+0,785	2,03		Apr. 10	—13,52	—0,827	9,02
	Jul. 19	+11,78	+0,720	1,30		Jul. 19	—12,57	—0,769	9,53
	Oct. 27	+10,60	+0,648	0,62		Oct. 27	—11,51	—0,704	9,99
	Dec. 66	+ 9,32	+0,570	27 59,99		Dec. 66	—10,35	—0,633	10,41
1772	Jan. 1	+ 9,77	+0,598	23 28 0,20	1781	Jan. 0	—10,76	—0,658	23 28 10,27
	Apr. 10	+ 8,44	+0,516	27 59,61		Apr. 10	— 9,54	—0,584	10,64
	Jul. 19	+ 7,05	+0,431	59,10		Jul. 19	— 8,26	—0,505	10,95
	Oct. 27	+ 5,58	+0,341	58,66		Oct. 27	— 6,91	—0,423	11,19
	Dec. 66	+ 4,05	+0,248	58,30		Dec. 66	— 5,50	—0,336	11,37
1773	Jan. 0	+ 4,58	+0,280	23 27 58,41	1782	Jan. 0	— 5,99	—0,366	23 28 11,32
	Apr. 10	+ 3,03	+0,186	58,10		Apr. 10	— 4,55	—0,278	11,45
	Jul. 19	+ 1,47	+0,090	57,86		Jul. 19	— 3,08	—0,189	11,51
	Oct. 27	— 0,11	—0,007	57,70		Oct. 27	— 1,59	—0,097	11,50
	Dec. 66	— 1,70	—0,104	57,62		Dec. 66	— 0,07	—0,004	11,42
1774	Jan. 0	— 1,16	—0,071	23 27 57,64	1783	Jan. 0	— 0,59	—0,036	23 28 11,45
	Apr. 10	— 3,74	—0,167	57,61		Apr. 10	+ 0,92	+0,056	11,32
	Jul. 19	— 4,28	—0,262	57,66		Jul. 19	+ 2,42	+0,148	11,11
	Oct. 27	— 5,79	—0,354	57,79		Oct. 27	+ 3,90	+0,238	10,83
	Dec. 66	— 7,26	—0,444	57,99		Dec. 66	+ 5,37	+0,328	10,48

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.
		″	″	° ′ ″
1784	Jan. 1	+ 4,87	+0,298	23 28 10,61
	Apr. 10	+ 6,30	+0,385	10,22
	Jul. 19	+ 7,67	+0,469	9,75
	Oct. 27	+ 8,98	+0,549	9,22
	Dec. 66	+10,24	+0,626	8,61
1785	Jan. 0	+ 9,82	+0,600	23 28 8,83
	Apr. 10	+11,01	+0,673	8,20
	Jul. 19	+12,11	+0,740	7,51
	Oct. 27	+13,11	+0,802	6,77
	Dec. 66	+14,02	+0,857	5,98
1786	Jan. 0	+13,72	+0,839	23 28 6,26
	Apr. 10	+14,55	+0,889	5,44
	Jul. 19	+15,25	+0,932	4,59
	Oct. 27	+15,82	+0,968	3,70
	Dec. 66	+16,27	+0,995	2,78
1787	Jan. 0	+16,13	+0,987	23 28 3,10
	Apr. 10	+16,49	+1,009	2,17
	Jul. 19	+16,71	+1,022	1,23
	Oct. 27	+16,79	+1,027	0,28
	Dec. 66	+16,72	+1,023	27 59,32
1788	Jan. 1	+16,76	+1,025	23 27 59,65
	Apr. 10	+16,60	+1,015	58,70
	Jul. 19	+16,30	+0,997	57,76
	Oct. 27	+15,85	+0,970	56,84
	Dec. 66	+15,27	+0,934	55,93
1789	Jan. 0	+15,49	+0,947	23 27 56,24
	Apr. 10	+14,81	+0,906	55,36
	Jul. 19	+14,01	+0,857	54,52
	Oct. 27	+13,09	+0,801	53,71
	Dec. 66	+12,04	+0,736	52,96
1790	Jan. 0	+12,41	+0,759	23 27 53,22
	Apr. 10	+11,30	+0,691	52,50
	Jul. 19	+10,09	+0,617	51,84
	Oct. 27	+ 8,79	+0,537	51,25
	Dec. 66	+ 7,39	+0,452	50,71
1791	Jan. 0	+ 7,87	+0,481	23 27 50,89
	Apr. 10	+ 6,44	+0,394	50,40
	Jul. 19	+ 4,96	+0,303	50,00
	Oct. 27	+ 3,43	+0,209	49,66
	Dec. 66	+ 1,85	+0,113	49,40
1792	Jan. 1	+ 2,39	+0,146	23 27 49,48
	Apr. 10	+ 0,81	+0,050	49,28
	Jul. 19	— 0,77	—0,047	49,15
	Oct. 27	— 2,34	—0,143	49,10
	Dec. 66	— 3,91	—0,239	49,14
1793	Jan. 0	— 3,38	—0,207	23 27 49,12
	Apr. 10	— 4,92	—0,301	49,20
	Jul. 19	— 6,40	—0,391	49,36
	Oct. 27	— 7,83	—0,479	49,59
	Dec. 66	— 9,20	—0,563	49,89
1794	Jan. 0	— 8,74	—0,535	23 27 49,78
	Apr. 10	—10,09	—0,615	50,13
	Jul. 19	—11,27	—0,689	50,53
	Oct. 27	—12,38	—0,757	50,99
	Dec. 66	—13,40	—0,819	51,52
1795	Jan. 0	—13,06	—0,799	23 27 51,33
	Apr. 10	—13,99	—0,856	51,88
	Jul. 19	—14,79	—0,905	52,47
	Oct. 27	—15,46	—0,946	53,10
	Dec. 66	—16,01	—0,979	53,76
1796	Jan. 1	—15,84	—0,969	23 27 53,53
	Apr. 10	—16,29	—0,996	54,20
	Jul. 19	—16,59	—1,015	54,89
	Oct. 27	—16,76	—1,025	55,59
	Dec. 66	—16,78	—1,026	56,30
1797	Jan. 0	—16,79	—1,027	23 27 56,06
	Apr. 10	—16,71	—1,022	56,76
	Jul. 19	—16,50	—1,009	57,45
	Oct. 27	—16,14	—0,987	58,13
	Dec. 66	—15,65	—0,957	58,79
1798	Jan. 0	—15,84	—0,969	23 27 58,57
	Apr. 10	—15,26	—0,934	59,21
	Jul. 19	—14,56	—0,891	59,81
	Oct. 27	—13,74	—0,841	28 0,38
	Dec. 66	—12,80	—0,783	0,91
1799	Jan. 0	—13,14	—0,804	23 28 0,73
	Apr. 10	—12,14	—0,742	1,22
	Jul. 19	—11,04	—0,675	1,66
	Oct. 27	— 9,85	—0,602	2,05
	Dec. 66	— 8,58	—0,524	2,38
1800	Jan. 0	— 9,02	—0,552	23 28 2,27
	Apr. 10	— 7,70	—0,471	2,55
	Jul. 19	— 6,33	—0,387	2,77
	Oct. 27	— 4,91	—0,300	2,92
	Dec. 66	— 3,43	—0,210	3,00
1801	Jan. 0	— 3,95	—0,241	23 28 2,98
	Apr. 10	— 2,46	—0,150	3,01
	Jul. 19	— 0,96	—0,059	2,97
	Oct. 27	+ 0,55	+0,033	2,85
	Dec. 66	+ 2,07	+0,126	2,66

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		′	″	° ′ ″			″	″	° ′ ″
1802	Jan. 0	+ 1,55	+0,095	23 28 2,74	1811	Jan. 0	+ 0,15	+0,009	23 27 40,71
	Apr. 10	+ 3,05	+0,186	2,50		Apr. 10	— 1,44	—0,088	40,62
	Jul. 19	+ 4,51	+0,276	2,19		Jul. 19	— 3,00	—0,183	40,60
	Oct. 27	+ 5,95	+0,364	1,81		Oct. 27	— 4,54	—0,277	40,67
	Dec. 66	+ 7,35	+0,450	1,36		Dec. 66	— 6,05	—0,370	40,81
1803	Jan. 0	+ 6,87	+0,420	23 28 1,52	1812	Jan. 1	— 5,54	—0,339	23 27 40,75
	Apr. 10	+ 8,23	+0,503	1,03		Apr. 10	— 7,01	—0,429	40,94
	Jul. 19	+ 9,52	+0,582	0,48		Jul. 19	— 8,41	—0,514	41,20
	Oct. 27	+10,72	+0,656	27 59,86		Oct. 27	— 9,73	—0,595	41,53
	Dec. 66	+11,86	+0,725	59,18		Dec. 66	—10,96	—0,670	41,92
1804	Jan. 1	+11,48	+0,702	23 27 59,42	1813	Jan. 0	—10,54	—0,645	23 27 41,78
	Apr. 10	+12,54	+0,767	58,70		Apr. 10	—11,74	—0,718	42,21
	Jul. 19	+13,50	+0,826	57,94		Jul. 19	—12,82	—0,784	42,70
	Oct. 27	+14,35	+0,878	57,13		Oct. 27	—13,77	—0,841	43,24
	Dec. 66	+15,09	+0,923	56,28		Dec. 66	—14,62	—0,894	43,82
1805	Jan. 0	+14,85	+0,908	23 27 56,58	1814	Jan. 0	—14,34	—0,877	23 27 43,62
	Apr. 10	+15,51	+0,948	55,71		Apr. 10	—15,09	—0,923	44,23
	Jul. 19	+16,03	+0,980	54,81		Jul. 19	—15,71	—0,961	44,86
	Oct. 27	+16,42	+1,004	53,89		Oct. 27	—16,19	—0,990	45,53
	Dec. 66	+16,67	+1,020	52,94		Dec. 66	—16,54	—1,011	46,22
1806	Jan 0	+16,60	+1,015	23 27 53,27	1815	Jan. 0	—16,43	—1,005	23 27 45,98
	Apr. 10	+16,76	+1,025	52,32		Apr. 10	—16,68	—1,020	46,68
	Jul. 19	+16,78	+1,026	51,37		Jul. 19	—16,79	—1,026	47,38
	Oct. 27	+16,65	+1,019	50,42		Oct. 27	—16,75	—1,024	48,08
	Dec. 66	+16,38	+1,002	49,47		Dec. 66	—16,56	—1,013	48,78
1807	Jan. 0	+16,49	+1,009	23 27 49,80	1816	Jan. 1	—16,64	—1,018	23 27 48,54
	Apr. 10	+16,13	+0,987	48,86		Apr. 10	—16,37	—1,001	49,23
	Jul. 19	+15,63	+0,956	47,95		Jul. 19	—15,96	—0,976	49,90
	Oct. 27	+14,99	+0,917	47,07		Oct. 27	—15,42	—0,943	50,54
	Dec. 66	+14,22	+0,869	46,21		Dec. 66	—14,74	—0,901	51,17
1808	Jan. 1	+14,50	+0,887	23 27 46,50	1817	Jan. 0	—14,99	—0,917	23 27 50,96
	Apr. 10	+13,64	+0,834	45,67		Apr. 10	—14,23	—0,871	51,55
	Jul. 19	+12,67	+0,775	44,89		Jul. 19	—13,37	—0,818	52,10
	Oct. 27	+11,58	+0,708	44,17		Oct. 27	—12,39	—0,758	52,60
	Dec. 66	+10,38	+0,635	43,49		Dec. 66	—11,31	—0,692	53,06
1809	Jan. 0	+10,80	+0,661	23 27 43,71	1818	Jan. 0	—11,69	—0,715	23 27 52,91
	Apr. 10	+ 9,55	+0,584	43,08		Apr. 10	—10,55	—0,645	53,33
	Jul. 19	+ 8,21	+0,502	42,51		Jul. 19	— 9,33	—0,571	53,69
	Oct. 27	+ 6,80	+0,416	42,01		Oct. 27	— 8,04	—0,492	53,98
	Dec. 66	+ 5,31	+0,325	41,58		Dec. 66	— 6,66	—0,408	54,22
1810	Jan. 0	+ 5,83	+0,356	23 27 41,72	1819	Jan. 0	— 7,14	—0,437	23 27 54,15
	Apr. 10	+ 4,35	+0,264	41,34		Apr. 10	— 5,74	—0,351	54,34
	Jul. 19	+ 2,77	+0,170	41,04		Jul. 19	— 4,30	—0,263	54,45
	Oct. 27	+ 1,20	+0,074	40,81		Oct. 27	— 2,83	—0,173	54,49
	Dec. 66	— 0,40	—0,024	40,67		Dec. 66	— 1,32	—0,081	54,48

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.
		″	″	° ′ ″
1820	Jan. 1	— 1,84	—0,112	23 27 54,50
	Apr. 10	— 0,33	—0,020	54,42
	Jul. 19	+ 1,18	+0,072	54,28
	Oct. 27	+ 2,68	+0,164	54,06
	Dec. 66	+ 4,17	+0,255	53,77
1821	Jan. 0	+ 3,66	+0,224	23 27 53,88
	Apr. 10	+ 5,12	+0,313	53,54
	Jul. 19	+ 6,53	+0,400	53,13
	Oct. 27	+ 7,90	+0,483	52,65
	Dec. 66	+ 9,22	+0,564	52,11
1822	Jan. 0	+ 8,77	+0,536	23 27 52,30
	Apr. 10	+10,03	+0,613	51,71
	Jul. 19	+11,20	+0,685	51,08
	Oct. 27	+12,28	+0,751	50,38
	Dec. 66	+13,28	+0,812	49,62
1823	Jan. 0	+12,95	+0,792	23 27 49,89
	Apr. 10	+13,87	+0,848	49,10
	Jul. 19	+14,67	+0,897	48,28
	Oct. 27	+15,35	+0,939	47,42
	Dec. 66	+15,92	+0,973	46,52
1824	Jan. 1	+15,74	+0,962	23 27 46,84
	Apr. 10	+16,21	+0,991	45,92
	Jul. 19	+16,54	+1,011	45,00
	Oct. 27	+16,73	+1,023	44,05
	Dec. 66	+16,79	+1,027	43,09
1825	Jan. 0	+16,79	+1,026	23 27 43,42
	Apr. 10	+16,74	+1,024	42,47
	Jul. 19	+16,56	+1,013	41,52
	Oct. 27	+16,23	+0,993	40,59
	Dec. 66	+15,76	+0,964	39,67
1826	Jan. 0	+15,94	+0,975	23 27 39,98
	Apr. 10	+15,38	+0,940	39,07
	Jul. 19	+14,69	+0,898	38,20
	Oct. 27	+13,86	+0,848	37,37
	Dec. 66	+12,91	+0,789	36,57
1827	Jan. 0	+13,25	+0,810	23 27 36,84
	Apr. 10	+12,22	+0,748	36,07
	Jul. 19	+11,10	+0,679	35,37
	Oct. 27	+ 9,87	+0,604	34,72
	Dec. 66	+ 8,54	+0,522	34,13
1828	Jan. 1	+ 9,00	+0,551	23 27 34,33
	Apr. 10	+ 7,63	+0,467	33,79
	Jul. 19	+ 6,19	+0,379	33,32
	Oct. 27	+ 4,70	+0,287	32,92
	Dec. 66	+ 3,14	+0,192	32,60
1829	Jan. 0	+ 3,68	+0,225	23 27 32,70
	Apr. 10	+ 2,11	+0,129	32,43
	Jul. 19	+ 0,54	+0,033	32,24
	Oct. 27	— 1,04	—0,064	32,12
	Dec. 66	— 2,63	—0,161	32,09
1830	Jan. 0	— 2,09	—0,128	23 27 32,10
	Apr. 10	— 3,65	—0,223	32,11
	Jul. 19	— 5,17	—0,316	32,21
	Oct. 27	— 6,65	—0,407	32,38
	Dec. 66	— 8,08	—0,494	32,63
1831	Jan. 0	— 7,60	—0,465	23 27 32,53
	Apr. 10	— 8,98	—0,550	32,82
	Jul. 19	—10,26	—0,628	33,18
	Oct. 27	—11,46	—0,701	33,59
	Dec. 66	—12,57	—0,769	34,07
1832	Jan. 1	—12,20	—0,746	23 27 33,90
	Apr. 10	—13,23	—0,809	34,41
	Jul. 19	—14,14	—0,864	34,97
	Oct. 27	—14,92	—0,912	35,56
	Dec. 66	—15,58	—0,953	36,20
1833	Jan. 0	—15,37	—0,940	23 27 35,98
	Apr. 10	—15,93	—0,974	36,64
	Jul. 19	—16,35	—1,000	37,31
	Oct. 27	—16,63	—1,017	38,00
	Dec. 66	—16,77	—1,026	38,71
1834	Jan. 0	—16,74	—1,024	23 27 38,46
	Apr. 10	—16,78	—1,026	39,17
	Jul. 19	—16,69	—1,020	39,87
	Oct. 27	—16,45	—1,006	40,56
	Dec. 66	—16,07	—0,983	41,24
1835	Jan. 0	—16,21	—0,992	23 27 41,01
	Apr. 10	—15,75	—0,963	41,67
	Jul. 19	—15,15	—0,927	42,30
	Oct. 27	—14,43	—0,883	42,90
	Dec. 66	—13,57	—0,831	43,47
1836	Jan. 1	—13,89	—0,849	23 27 43,28
	Apr. 10	—12,97	—0,793	43,81
	Jul. 19	—11,96	—0,731	44,29
	Oct. 27	—10,84	—0,663	44,72
	Dec. 66	— 9,63	—0,589	45,10
1837	Jan. 0	—10,05	—0,615	23 27 44,98
	Apr. 10	— 8,80	—0,538	45,31
	Jul. 19	— 7,48	—0,457	45,58
	Oct. 27	— 6,09	—0,373	45,79
	Dec. 66	— 4,65	—0,284	45,93

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		″	″	° ′ ″			″	″	° ′ ″
1838	Jan. 0	— 5,15	—0,315	23 27 45,89	1844	Jan. 1	+16,68	+1,020	23 27 33,57
	Apr. 10	— 3,69	—0,226	45,98		Apr. 10	+16,44	+1,005	32,62
	Jul. 19	— 2,21	—0,135	46,00		Jul. 19	+16,05	+0,982	31,69
	Oct. 27	— 0,70	—0,043	45,94		Oct. 27	+15,53	+0,950	30,79
	Dec. 66	+ 0,82	+0,050	45,81		Dec. 66	+14,86	+0,909	29,90
1839	Jan. 0	+ 0,30	+0,018	23 27 45,87	1845	Jan. 0	+15,11	+0,924	23 27 30,20
	Apr. 10	+ 1,81	+0,111	45,69		Apr. 10	+14,36	+0,878	29,34
	Jul. 19	+ 3,30	+0,202	45,44		Jul. 19	+13,48	+0,825	28,52
	Oct. 27	+ 4,76	+0,291	45,12		Oct. 27	+12,49	+0,764	27,75
	Dec. 66	+ 6,20	+0,379	44,72		Dec. 66	+11,37	+0,696	27,03
1840	Jan. 1	+ 5,71	+0,349	23 27 44,87	1846	Jan. 0	+11,77	+0,720	23 27 27,27
	Apr. 10	+ 7,11	+0,435	44,43		Apr. 10	+10,59	+0,648	26,59
	Jul. 19	+ 8,45	+0,517	43,93		Jul. 19	+ 9,33	+0,570	25,97
	Oct. 27	+ 9,72	+0,595	43,36		Oct. 27	+ 7,98	+0,488	25,41
	Dec. 66	+10,93	+0,669	42,73		Dec. 66	+ 6,54	+0,400	24,92
1841	Jan. 0	+10,53	+0,644	23 27 42,95	1847	Jan. 0	+ 7,04	+0,430	23 27 25,08
	Apr. 10	+11,67	+0,713	42,28		Apr. 10	+ 5,57	+0,340	24,64
	Jul. 19	+12,71	+0,777	41,56		Jul. 19	+ 4,06	+0,248	24,27
	Oct. 27	+13,65	+0,835	40,79		Oct. 27	+ 2,51	+0,153	23,98
	Dec. 66	+14,49	+0,886	39,98		Dec. 66	+ 0,92	+0,056	23,77
1842	Jan. 0	+14,22	+0,869	23 27 40,26	1848	Jan. 1	+ 1,46	+0,090	23 27 23,83
	Apr. 10	+14,97	+0,916	39,41		Apr. 10	— 0,12	—0,007	23,67
	Jul. 19	+15,60	+0,954	38,54		Jul. 19	— 1,70	—0,104	23,60
	Oct. 27	+16,10	+0,985	37,64		Oct. 27	— 3,26	—0,200	23,59
	Dec. 66	+16,47	+1,007	36,71		Dec. 66	— 4,82	—0,295	23,67
1843	Jan. 0	+16,36	+1,001	23 27 37,03	1849	Jan. 0	— 4,29	—0,262	23 27 23,64
	Apr. 10	+16,64	+1,018	36,09		Apr. 10	— 5,80	—0,355	23,77
	Jul. 19	+16,77	+1,026	35,15		Jul. 19	— 7,25	—0,443	23,97
	Oct. 27	+16,77	+1,025	34,20		Oct. 27	— 8,64	—0,528	24,24
	Dec. 66	+16,62	+1,016	33,24		Dec. 66	— 9,97	—0,610	24,58

Obliquitas Ecliptices media, in hac tabula adhibita.

	° ′ ″
1750	23 28 17,65
1760	28 13,08
1770	28 8,51
1780	28 3,94
1790	27 59,37
1800	27 54,80
1810	27 50,23
1820	27 45,66
1830	27 41,09
1840	27 36,52
1850	27 31,95

Anni	Variat.
	″
1	— 0,457
2	— 0,914
3	— 1,371
4	— 1,828
5	— 2,285
6	— 2,742
7	— 3,199
8	— 3,656
9	— 4,113
10	— 4,570

Tabula V.

Nutatio Solaris in Longitudine atque Obliquitate Ecliptices.

	Long.	Obl.
	″	″
Jan. 0	+ 0,46	— 0,54
10	+ 0,87	— 0,44
20	+ 1,17	— 0,28
30	+ 1,32	— 0,09
Febr. 9	+ 1,31	+ 0,11
19	+ 1,14	+ 0,30
Mart. 1	+ 0,83	+ 0,45
11	+ 0,42	+ 0,55
21	— 0,04	+ 0,58
31	— 0,48	+ 0,54
Apr. 10	— 0,88	+ 0,44
20	— 1,16	+ 0.29
30	— 1,32	+ 0,10
Maj. 10	— 1,32	— 0,09
20	— 1,17	— 0,28
30	— 0,90	— 0,43
Jun. 9	— 0,53	— 0,53
19	— 0,10	— 0,58
29	+ 0,35	— 0,56
Jul. 9	+ 0,75	— 0,48
19	+ 1,07	— 0,35
29	+ 1,27	— 0,18
Aug. 8	+ 1,34	+ 0,01
18	+ 1,25	+ 0,20
28	+ 1,02	+ 0,37
Sept. 7	+ 0,68	+ 0,50
17	+ 0,26	+ 0,57
27	— 0,20	+ 0,57
Oct. 7	— 0,63	+ 0,51
17	— 0,99	+ 0,39
27	— 1,24	+ 0,22
Nov. 6	— 1,34	+ 0,02
16	— 1,27	— 0,18
26	— 1,05	— 0,36
Dec. 6	— 0,70	— 0,50
16	— 0,26	— 0,57
26	+ 0,22	— 0,57
36	+ 0,66	— 0,50

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabula VI.

Adscensio recta media Solis pro mediis meridiebus anni ficti, addita Nutatione Solari.

	Januarius.	Februarius.	Martius.	Aprilis.
	h ′ ″	h ′ ″	h ′ ″	h ′ ″
0	18 40 0,028	20 42 13,297	22 32 36,818	0 34 49,952
1	43 56,586	46 9,853	36 33,372	38 46,504
2	47 53,144	50 6,408	40 29,925	42 43,057
3	51 49,702	54 2,963	44 26,478	46 39,610
4	55 46,260	57 59,519	48 23,031	50 36,163
5	59 42,818	21 1 56,074	52 19,584	54 32,716
6	19 3 39,376	5 52,629	56 16,136	58 29,269
7	7 35,933	9 49,184	23 0 12,689	1 2 25,822
8	11 32,491	13 45,739	4 9,242	6 22,375
9	15 29,049	17 42,294	8 5,795	10 18,928
10	19 25,606	21 38,849	12 2,347	14 15,481
11	23 22,164	25 35,403	15 58,900	18 12,035
12	27 18,721	29 31,958	19 55,453	22 8,588
13	31 15,279	33 28,512	23 52,005	26 5,141
14	35 11,836	37 25,067	27 48,558	30 1,695
15	39 8,393	41 21,621	31 45,110	33 58,248
16	43 4,950	45 18,175	35 41,663	37 54,802
17	47 1,508	49 14,729	39 38,216	41 51,356
18	50 58,065	53 11,283	43 34,768	45 47,909
19	54 54,621	57 7,837	47 31,321	49 44,463
20	58 51,178	22 1 4,391	51 27,873	53 41,017
21	20 2 47,735	5 0,945	55 24,426	57 37,571
22	6 44,292	8 57,498	59 20,978	2 1 34,125
23	10 40,848	12 54,052	0 3 17,530	5 30,679
24	14 37,405	16 50,605	7 14,083	9 27,234
25	18 33,961	20 47,159	11 10,636	13 23,788
26	22 30,517	24 43,712	15 7,188	17 20,343
27	26 27,073	28 40,265	19 3,741	21 16,897
28	30 23,629	32 36,818	23 0,294	25 13,452
29	34 20,185		26 56,846	29 10,006
30	38 16,741		30 53,399	33 6,561
31	42 13,297		34 49,952	

In menss. Jan. et Febr. annorum bissext. legitur dies insequens.

Tabula VI. *continuata.*

Adscensio recta media Solis, pro mediis meridiebus anni ficti, addita Nutatione Solari.

	Majus.	Junius.	Julius.	Augustus.
	h ′ ″	h ′ ″	h ′ ″	h ′ ″
0	2 33 6,561	4 35 19,804	6 33 36,541	8 35 49,813
1	37 3,116	39 16,362	37 33,099	39 46,369
2	40 59,671	43 12,919	41 29,657	43 42,925
3	44 56,226	47 9,477	45 26,215	47 39,480
4	48 52,781	51 6,035	49 22,773	51 36,036
5	52 49,337	55 2,592	53 19,331	55 32,592
6	56 45,892	58 59,150	57 15,889	59 29,147
7	3 0 42,448	5 2 55,708	7 1 12,446	9 3 25,702
8	4 39,003	6 52,265	5 9,004	7 22,258
9	8 35,559	10 48,823	9 5,562	11 18,813
10	12 32,114	14 45,381	13 2,119	15 15,368
11	16 28,670	18 41,939	16 58,677	19 11,923
12	20 25,226	22 38,497	20 55,234	23 8,478
13	24 21,782	26 35,055	24 51,792	27 5,033
14	28 18,338	30 31,613	28 48,349	31 1,588
15	32 14,895	34 28,171	32 44,906	34 58,143
16	36 11,451	38 24,729	36 41,463	38 54,697
17	40 8,007	42 21,287	40 38,021	42 51,252
18	44 4,564	46 17,845	44 34,578	46 47,806
19	48 1,120	50 14,403	48 31,135	50 44,361
20	51 57,677	54 10,961	52 27,692	54 40,915
21	55 54,233	58 7,519	56 24,249	58 37,469
22	59 50,790	6 2 4,077	8 0 20.805	10 2 34,023
23	4 3 47,347	6 0,635	4 17,362	6 30,577
24	7 43,904	9 57,193	8 13,919	10 27,131
25	11 40,461	13 53,751	12 10,475	14 23,685
26	15 37,018	17 50,309	16 7,032	18 20,239
27	19 33,575	21 46,867	20 3,588	22 16,792
28	23 30,132	25 43,426	24 0,144	26 13,346
29	27 26,690	29 39,984	27 56,701	30 9,899
30	31 23,247	33 36,541	31 53,257	34 6,453
31	35 19,804		35 49,813	38 3,006

Tabula VI. *continuata.*

Adscensio recta media Solis, pro mediis meridiebus anni ficti, addita Nutatione Solari.

	September.	October.	November.	December.
	h ′ ″	h ′ ″	h ′ ″	h ′ ″
0	10 38 3,006	12 36 19,590	14 38 32,746	16 36 49,430
1	41 59,560	40 16,142	42 29,301	40 45,987
2	45 56,113	44 12,695	46 25,856	44 42,545
3	49 52,666	48 9,248	50 22,411	48 39,102
4	53 49,219	52 5,800	54 18,966	52 35,660
5	57 45,772	56 2,353	58 15,521	56 32,218
6	11 1 42,326	59 58,906	15 2 12,076	17 0 28,775
7	5 38,878	13 3 55,459	6 8,631	4 25,333
8	9 35,431	7 52,012	10 5,187	8 21,891
9	13 31,984	11 48,565	14 1,742	12 18,449
10	17 28,537	15 45,118	17 58,298	16 15,007
11	21 25,090	19 41,671	21 54,853	20 11,565
12	25 21,643	23 38,224	25 51,409	24 8,123
13	29 18,196	27 34,777	29 47,965	28 4,681
14	33 14,748	31 31,330	33 44,521	32 1,239
15	37 11,301	35 27,883	37 41,077	35 57,798
16	41 7,854	39 24,437	41 37,633	39 54,356
17	45 4,406	43 20,990	45 34,190	43 50,914
18	49 0,959	47 17,544	49 30,746	47 47,472
19	52 57,511	51 14,097	53 27,302	51 44,030
20	56 54,064	55 10,651	57 23,859	55 40,589
21	12 0 50,617	59 7,204	16 1 20,416	59 37,147
22	4 47,169	14 3 3,758	5 16,972	18 3 33,705
23	8 43,722	7 0,312	9 13,529	7 30,263
24	12 40,274	10 56,866	13 10,086	11 26,822
25	16 36,827	14 53,420	17 6,643	15 23,380
26	20 33,379	18 49,974	21 3,200	19 19,938
27	24 29,932	22 46,528	24 59,758	23 16,496
28	28 26,484	26 43,083	28 56,315	27 13,055
29	32 23,037	30 39,637	32 52,872	31 9,613
30	36 19,590	34 36,192	36 49,430	35 6,171
31		38 32,746		39 2,729

Tabula VII.

Motus Adscensionis rectae mediae Solis pro Horis, Minutis et Secundis et Temporis solaris medii et Temporis sideralis.

Horae	temporis med.	temporis sid.
h	′ ″	′ ″
0	0 0,000	0 0,000
1	0 9,856	0 9,830
2	0 19,713	0 19,659
3	0 29,569	0 29,489
4	0 39,426	0 39,318
5	0 49,282	0 49,148
6	0 59,139	0 58,977
7	1 8,995	1 8,807
8	1 18,852	1 18,636
9	1 28,708	1 28,466
10	1 38,565	1 38,296
11	1 48,421	1 48,125
12	1 58,278	1 57,955
13	2 8,134	2 7,784
14	2 17,991	2 17,614
15	2 27,847	2 27,443
16	2 37,704	2 37,273
17	2 47,560	2 47,103
18	2 57,417	2 56,932
19	3 7,273	3 6,762
20	3 17,129	3 16,591
21	3 26,986	3 26,421
22	3 36,842	3 36,250
23	3 46,699	3 46,080
24	3 56,555	3 55,909
25	4 6,412	4 5,739
26	4 16,268	4 15,569
27	4 26,125	4 25,398
28	4 35,981	4 35,228
29	4 45,838	4 45,057
30	4 55,694	4 54,887

Minuta	temporis med.	temporis sid.
′	″	″
1	0,164	0,164
2	0,329	0,328
3	0,493	0,491

Minuta	temporis med.	temporis sid.
′	″	″
4	0,657	0,655
5	0,821	0,819
6	0,986	0,983
7	1,150	1,147
8	1,314	1,311
9	1,478	1,474
10	1,643	1,638
11	1,807	1,802
12	1,971	1,966
13	2,136	2,130
14	2,300	2,294
15	2,464	2,457
16	2,628	2,621
17	2,793	2,785
18	2,957	2,949
19	3,121	3,113
20	3,285	3,277
21	3,450	3,440
22	3,614	3,604
23	3,778	3,768
24	3,943	3,932
25	4,107	4,096
26	4,271	4,259
27	4,435	4,423
28	4,600	4,587
29	4,764	4,751
30	4,928	4,915
31	5,093	5,079
32	5,257	5,242
33	5,421	5,406
34	5,585	5,570
35	5,750	5,734
36	5,914	5,898
37	6,078	6,062
38	6,242	6,225
39	6,407	6,389
40	6,571	6,553
41	6,735	6,717
42	6,900	6,881
43	7,064	7,045
44	7,228	7,208
45	7,392	7,372

Minuta	temporis med.	temporis sid.
′	″	″
46	7,557	7,536
47	7,721	7,700
48	7,885	7,864
49	8,049	8,027
50	8,214	8,191
51	8,378	8,355
52	8,542	8,519
53	8,707	8,683
54	8,871	8,847
55	9,035	9,010
56	9,199	9,174
57	9,364	9,338
58	9,528	9,502
59	9,692	9,666
60	9,856	9,830

Secunda	temporis med.	temporis sid.
″	″	″
1	0,003	0,003
2	0,005	0,005
3	0,008	0,008
4	0,011	0,011
5	0,014	0,014
6	0,016	0,016
7	0,019	0,019
8	0,022	0,022
9	0,025	0,025
10	0,027	0,027
11	0,030	0,030
12	0,033	0,033
13	0,036	0,035
14	0,038	0,038
15	0,041	0,041
16	0,044	0,044
17	0,047	0,046
18	0,049	0,049
19	0,052	0,052

Secunda	temporis med.	temporis sid.
″	″	″
20	0,055	0,055
21	0,057	0,057
22	0,060	0,060
23	0,063	0,063
24	0,066	0,066
25	0,068	0,068
26	0,071	0,071
27	0,074	0,074
28	0,077	0,076
29	0,079	0,079
30	0,082	0,082
31	0,085	0,085
32	0,088	0,087
33	0,090	0,090
34	0,093	0,093
35	0,096	0,096
36	0,099	0,098
37	0,101	0,101
38	0,104	0,104
39	0,107	0,106
40	0,110	0,109
41	0,112	0,112
42	0,115	0,115
43	0,118	0,117
44	0,120	0,120
45	0,123	0,123
46	0,126	0,126
47	0,129	0,128
48	0,131	0,131
49	0,134	0,134
50	0,137	0,137
51	0,140	0,139
52	0,142	0,142
53	0,145	0,145
54	0,148	0,147
55	0,151	0,150
56	0,153	0,153
57	0,156	0,156
58	0,159	0,158
59	0,162	0,161
60	0,164	0,164

Tabula VIII.

Valores quantitatum ad computationem locorum apparentium Stellarum fixarum generaliter inservientium,

pro Saeculo 1750 — 1850.

Tabella subsidiaria pro formatione argumenti Tabulae sequentis.

g' = Tempus sidereum + $5^h 20'$.

Temp. sidereum. Horis	Grad.	g'	Temp. sidereum. Horis	Grad.	g'	Temp. sidereum. Horis	Grad.	g'
h ′	°		h ′	°		h ′	°	
18 40,0	280,0	0,00	2 35,2	38,8	0,33	10 30,4	157,6	0,66
54,4	283,6	0,01	49,6	42,4	0,34	44,8	161,2	0,67
19 8,8	287,2	0,02	3 4,0	46,0	0,35	59,2	164,8	0,68
23,2	290,8	0,03	18,4	49,6	0,36	11 13,6	168,4	0,69
37,6	294,4	0,04	32,8	53,2	0,37	28,0	172,0	0,70
52,0	298,0	0,05	47,2	56,8	0,38	42,4	175,6	0,71
20 6,4	301,6	0,06	4 1,6	60,4	0,39	56,8	179,2	0,72
20,8	305,2	0,07	16,0	64,0	0,40	12 11,2	182,8	0,73
35,2	308,8	0,08	30,4	67,6	0,41	25,6	186,4	0,74
49,6	312,4	0,09	44,8	71,2	0,42	40,0	190,0	0,75
21 4,0	316,0	0,10	59,2	74,8	0,43	54,4	193,6	0,76
18,4	319,6	0,11	5 13,6	78,4	0,44	13 8,8	197,2	0,77
32,8	323,2	0,12	28,0	82,0	0,45	23,2	200,8	0,78
47,2	326,8	0,13	42,4	85,6	0,46	37,6	204,4	0,79
22 1,6	330,4	0,14	56,8	89,2	0,47	52,0	208,0	0,80
16,0	334,0	0,15	6 11,2	92,8	0,48	14 6,4	211,6	0,81
30,4	337,6	0,16	25,6	96,4	0,49	20,8	215,2	0,82
44,8	341,2	0,17	40,0	100,0	0,50	35,2	218,8	0,83
59,2	344,8	0,18	54,4	103,6	0,51	49,6	222,4	0,84
23 13,6	348,4	0,19	7 8,8	107,2	0,52	15 4,0	226,0	0,85
28,0	352,0	0,20	23,2	110,8	0,53	18,4	229,6	0,86
42,4	355,6	0,21	37,6	114,4	0,54	32,8	233,2	0,87
56,8	359,2	0,22	52,0	118,0	0,55	47,2	236,8	0,88
0 11,2	2,8	0,23	8 6,4	121,6	0,56	16 1,6	240,4	0,89
25,6	6,4	0,24	20,8	125,2	0,57	16,0	244,0	0,90
40,0	10,0	0,25	35,2	128,8	0,58	30,4	247,6	0,91
54,4	13,6	0,26	49,6	132,4	0,59	44,8	251,2	0,92
1 8,8	17,2	0,27	9 4,0	136,0	0,60	59,2	254,8	0,93
23,2	20,8	0,28	18,4	139,6	0,61	17 13,6	258,4	0,94
37,6	24,4	0,29	32,8	143,2	0,62	28,0	262,0	0,95
52,0	28,0	0,30	47,2	146,8	0,63	42,4	265,6	0,96
2 6,4	31,6	0,31	10 1,6	150,4	0,64	56,8	269,2	0,97
20,8	35,2	0,32	16,0	154,0	0,65	18 11,2	272,8	0,98
35,2	38,8	0,33	30,4	157,6	0,66	25,6	276,4	0,99

Si locus fixae quaeritur pro tempore siderali = g, Argumentum Tabulae sequentis est:

dies reductus (*Tabb. I et II*) + g' + i

i = 0 ab initio anni usque ad tempus ubi *A. R.* ☉ = g, postea vero = + 1.

Tabula VIII.

1750.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,5255	0,0599 *n*	0,5109 *n*	1,2998	$-\infty$	+ 0,06
10	9,5698	0,0682 *n*	0,8076 *n*	1,2789	8,4362	+ 0,07
20	9,6077	0,0958 *n*	0,9728 *n*	1,2424	8,7373	+ 0,07
30	9,6396	0,1330 *n*	1,0816 *n*	1,1876	8,9134	+ 0,07
Febr. 9	9,6663	0,1704 *n*	1,1571 *n*	1,1091	9,0383	+ 0,07
19	9,6886	0,2008 *n*	1,2094 *n*	0,9967	9,1352	+ 0,07
Mart. 1	9,7075	0,2195 *n*	1,2438 *n*	0,8263	9,2144	+ 0,07
11	9,7239	0,2233 *n*	1,2632 *n*	0,5178	9,2813	+ 0,07
21	9,7390	0,2098 *n*	1,2690 *n*	9,2860 *n*	9,3393	+ 0,06
31	9,7536	0,1765 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7686	0,1202 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7845	0,0358 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,06
30	9,8016	9,9143 *n*	1,1557 *n*	1,1112 *n*	9,5154	+ 0,06
Maj. 10	9,8200	9,7359 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,06
20	9,8395	9,4442 *n*	0,9826 *n*	1,2390 *n*	9,5824	+ 0,06
30	9,8597	8,6256 *n*	0,8344 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8801	9,1665	0,5880 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,9002	9,4434	9,9110 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9195	9,5382	0,3546	1,3033 *n*	9,6915	+ 0,07
Jul. 9	9,9376	9,5461	0,7224	1,2883 *n*	9,7150	+ 0,07
19	9,9543	9,4842	0,9111	1,2601 *n*	9,7373	+ 0,07
29	9,9692	9,3401	1,0335	1,2170 *n*	9,7585	+ 0,07
Aug. 8	9,9825	9,0480	1,1193	1,1553 *n*	9,7787	+ 0,07
18	9,9940	7,6151	1,1807	1,0685 *n*	9,7980	+ 0,07
28	0,0040	8,9176 *n*	1,2238	0,9435 *n*	9,8164	+ 0,07
Sept. 7	0,0127	9,1126 *n*	1,2518	0,7473 *n*	9,8342	+ 0,07
17	0,0206	9,0833 *n*	1,2664	0,3464 *n*	9,8512	+ 0,07
27	0,0281	8,6819 *n*	1,2682	0,0900	9,8676	+ 0,06
Oct. 7	0,0356	8,9632	1,2572	0,6688	9,8834	+ 0,06
17	0,0434	9,4670	1,2324	0,9020	9,8986	+ 0,06
27	0,0520	9,7344	1,1919	1,0444	9,9134	+ 0,06
Nov. 6	0,0615	9,9142	1,1321	1,1415	9,9276	+ 0,06
16	0,0719	0,0431	1,0466	1,2100	9,9414	+ 0,06
26	0,0832	0,1363	0,9219	1,2575	9,9547	+ 0,06
Dec. 6	0,0952	0,2017	0,7250	1,2880	9,9677	+ 0,06
16	0,1074	0,2439	0,3200	1,3038	9,9803	+ 0,06
26	0,1195	0,2662	0,0793 *n*	1,3056	9,9925	+ 0,06
36	0,1312	0,2710	0,6488 *n*	1,2937	0,0044	+ 0,07

Tabula VIII.

1751.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,5306	0,2711	0,5109 *n*	1,2998	$-\infty$	+ 0″,07
10	9,5732	0,2662	0,8076 *n*	1,2789	8,4362	+ 0,07
20	9,6097	0,2479	0,9728 *n*	1,2424	8,7373	+ 0,07
30	9,6404	0,2199	1,0816 *n*	1,1876	8,9134	+ 0,07
Febr. 9	9,6661	0,1869	1,1570 *n*	1,1091	9,0383	+ 0,07
19	9,6875	0,1555	1,2094 *n*	0,9967	9,1352	+ 0,07
Mart. 1	9,7055	0,1338	1,2438 *n*	0,8263	9,2144	+ 0,07
11	9,7212	0,1290	1,2632 *n*	0,5179	9,2813	+ 0,06
21	9,7356	0,1450	1,2690 *n*	9,2858 *n*	9,3393	+ 0,06
31	9,7495	0,1805	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7639	0,2296	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7792	0,2852	1,2068 *n*	1,0046 *n*	9,4776	+ 0,06
30	9,7958	0,3408	1,1557 *n*	1,1112 *n*	9,5154	+ 0,06
Maj. 10	9,8137	0,3921	1,0836 *n*	1,1861 *n*	9,5502	+ 0,06
20	9,8328	0,4363	0,9826 *n*	1,2390 *n*	9,5824	+ 0,06
30	9,8527	0,4719	0,8344 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8728	0,4984	0,5880 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,8927	0,5157	9,9109 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9118	0,5241	0,3546	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9297	0,5245	0,7224	1,2883 *n*	9,7150	+ 0,06
19	9,9461	0,5179	0,9111	1,2601 *n*	9,7373	+ 0,06
29	9,9609	0,5059	1,0335	1,2170 *n*	9,7585	+ 0,06
Aug. 8	9,9739	0,4906	1,1193	1,1553 *n*	9,7787	+ 0,06
18	9,9851	0,4746	1,1807	1,0685 *n*	9,7980	+ 0,06
28	9,9949	0,4610	1,2238	0,9435 *n*	9,8164	+ 0,06
Sept. 7	0,0034	0,4532	1,2518	0,7473 *n*	9,8342	+ 0,06
17	0,0110	0,4537	1,2664	0,3464 *n*	9,8512	+ 0,06
27	0,0183	0,4639	1,2682	0,0900	9,8676	+ 0,06
Oct. 7	0,0255	0,4835	1,2572	0,6688	9,8834	+ 0,06
17	0,0331	0,5105	1,2324	0,9020	9,8986	+ 0,06
27	0,0415	0,5419	1,1919	1,0444	9,9134	+ 0,05
Nov. 6	0,0508	0,5746	1,1321	1,1415	9,9276	+ 0,05
16	0,0611	0,6054	1,0466	1,2100	9,9414	+ 0,05
26	0,0723	0,6323	0,9219	1,2575	9,9547	+ 0,05
Dec. 6	0,0842	0,6536	0,7250	1,2880	9,9677	+ 0,06
16	0,0964	0,6683	0,3201	1,3038	9,9803	+ 0,06
26	0,1085	0,6761	0,0793 *n*	1,3056	9,9925	+ 0,06
36	0,1201	0,6772	0,6487 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1752.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						$''$
Jan. 1	9,4851	0,6775	0,5109 *n*	1,2998	$-\infty$	+ 0,06
11	9,5309	0,6749	0,8075 *n*	1,2789	8,4362	+ 0,06
21	9,5698	0,6670	0,9728 *n*	1,2424	8,7373	+ 0,06
31	9,6023	0,6557	1,0816 *n*	1,1876	8,9134	+ 0,06
Febr. 10	9,6292	0,6430	1,1570 *n*	1,1091	9,0383	+ 0,06
20	9,6515	0,6314	1,2094 *n*	0,9967	9,1352	+ 0,06
Mart. 1	9,6702	0,6233	1,2438 *n*	0,8263	9,2144	+ 0,06
11	9,6863	0,6207	1,2632 *n*	0,5179	9,2813	+ 0,06
21	9,7009	0,6250	1,2690 *n*	9,2857 *n*	9,3393	+ 0,06
31	9,7152	0,6360	1,2618 *n*	0,5630 *n*	9,3905	+ 0,05
Apr. 10	9,7299	0,6528	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7457	0,6736	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7629	0,6963	1,1557 *n*	1,1112 *n*	9,5154	+ 0,05
Maj. 10	9,7815	0,7187	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8014	0,7392	0,9826 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8220	0,7565	0,8344 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8430	0,7695	0,5880 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8637	0,7780	9,9108 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,8835	0,7818	0,3547	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9021	0,7811	0,7224	1,2883 *n*	9,7150	+ 0,05
19	9,9191	0,7765	0,9111	1,2601 *n*	9,7373	+ 0,05
29	9,9343	0,7689	1,0335	1,2170 *n*	9,7585	+ 0,05
Aug. 8	9,9476	0,7596	1,1193	1,1553 *n*	9,7787	+ 0,05
18	9,9592	0,7500	1,1807	1,0685 *n*	9,7980	+ 0,05
28	9,9691	0,7418	1,2238	0,9435 *n*	9,8164	+ 0,05
Sept. 7	9,9777	0,7366	1,2518	0,7473 *n*	9,8342	+ 0,05
17	9,9854	0,7357	1,2664	0,3464 *n*	9,8512	+ 0,05
27	9,9926	0,7399	1,2682	0,0901	9,8676	+ 0,05
Oct. 7	9,9999	0,7492	1,2572	0,6688	9,8834	+ 0,05
17	0,0076	0,7630	1,2324	0,9020	9,8986	+ 0,04
27	0,0161	0,7797	1,1919	1,0444	9,9134	+ 0,04
Nov. 6	0,0256	0,7978	1,1321	1,1415	9,9276	+ 0,04
16	0,0362	0,8155	1,0466	1,2100	9,9414	+ 0,04
26	0,0477	0,8313	0,9220	1,2575	9,9547	+ 0,04
Dec. 6	0,0599	0,8438	0,7250	1,2880	9,9677	+ 0,04
16	0,0725	0,8524	0,3201	1,3038	9,9803	+ 0,04
26	0,0849	0,8565	0,0792 *n*	1,3056	9,9925	+ 0,05
36	0,0969	0,8562	0,6487 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1753.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,3753	0,8568	0,5109 *n*	1,2998	— ∞	+ 0″,05
10	9,4320	0,8540	0,8075 *n*	1,2789	8,4362	+ 0,05
20	9,4790	0,8478	0,9728 *n*	1,2424	8,7373	+ 0,05
30	9,5177	0,8393	1,0816 *n*	1,1876	8,9134	+ 0,05
Febr. 9	9,5494	0,8299	1,1570 *n*	1,1091	9,0383	+ 0,05
19	9,5749	0,8212	1,2094 *n*	0,9967	9,1352	+ 0,05
Mart. 1	9,5961	0,8147	1,2438 *n*	0,8263	9,2144	+ 0,04
11	9,6143	0,8119	1,2632 *n*	0,5179	9,2813	+ 0,04
21	9,6307	0,8134	1,2690 *n*	9,2856 *n*	9,3393	+ 0,04
31	9,6466	0,8193	1,2618 *n*	0,5630 *n*	9,3905	+ 0,04
Apr. 10	9,6631	0,8292	1,2415 *n*	0,8446 *n*	9,4362	+ 0,04
20	9,6807	0,8420	1,2068 *n*	1,0046 *n*	9,4776	+ 0,03
30	9,6999	0,8564	1,1557 *n*	1,1112 *n*	9,5154	+ 0,03
Maj. 10	9,7207	0,8709	1,0836 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7429	0,8843	0,9825 *n*	1,2390 *n*	9,5824	+ 0,03
30	9,7659	0,8956	0,8344 *n*	1,2750 *n*	9,6123	+ 0,03
Jun. 9	9,7891	0,9040	0,5880 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8119	0,9092	9,9107 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8338	0,9109	0,3547	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8541	0,9092	0,7224	1,2883 *n*	9,7150	+ 0,04
19	9,8726	0,9047	0,9111	1,2601 *n*	9,7373	+ 0,04
29	9,8891	0,8979	1,0335	1,2170 *n*	9,7585	+ 0,04
Aug. 8	9,9035	0,8898	1,1193	1,1552 *n*	9,7787	+ 0,04
18	9,9159	0,8815	1,1807	1,0685 *n*	9,7980	+ 0,04
28	9,9264	0,8742	1,2238	0,9435 *n*	9,8164	+ 0,04
Sept. 7	9,9356	0,8691	1,2518	0,7473 *n*	9,8342	+ 0,03
17	9,9437	0,8672	1,2664	0,3464 *n*	9,8512	+ 0,03
27	9,9513	0,8690	1,2682	0,0901	9,8676	+ 0,03
Oct. 7	9,9590	0,8746	1,2572	0,6638	9,8834	+ 0,03
17	9,9671	0,8837	1,2324	0,9020	9,8986	+ 0,03
27	9,9761	0,8952	1,1919	1,0444	9,9134	+ 0,02
Nov. 6	9,9862	0,9079	1,1321	1,1415	9,9276	+ 0,02
16	9,9975	0,9205	1,0466	1,2100	9,9414	+ 0,02
26	0,0099	0,9318	0,9220	1,2575	9,9547	+ 0,02
Dec. 6	0,0229	0,9406	0,7250	1,2880	9,9677	+ 0,02
16	0,0363	0,9463	0,3201	1,3038	9,9803	+ 0,03
26	0,0496	0,9484	0,0791 *n*	1,3056	9,9925	+ 0,03
36	0,0624	0,9471	0,6487 *n*	1,2937	0,0044	+ 0,03

Tabula VIII.

1754.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,1523	0,9480	0,5108 *n*	1,2998	$-\infty$	+ 0,03
10	9,2417	0,9445	0,8075 *n*	1,2789	8,4362	+ 0,03
20	9,3114	0,9383	0,9728 *n*	1,2424	8,7373	+ 0,03
30	9,3660	0,9302	1,0816 *n*	1,1876	8,9134	+ 0,03
Febr. 9	9,4091	0,9213	1,1570 *n*	1,1091	9,0383	+ 0,03
19	9,4433	0,9129	1,2094 *n*	0,9967	9,1352	+ 0,03
Mart. 1	9,4709	0,9064	1,2438 *n*	0,8263	9,2144	+ 0,03
11	9,4943	0,9027	1,2632 *n*	0,5179	9,2813	+ 0,02
21	9,5151	0,9026	1,2690 *n*	9,2855 *n*	9,3393	+ 0,02
31	9,5351	0,9061	1,2618 *n*	0,5630 *n*	9,3905	+ 0,02
Apr. 10	9,5556	0,9129	1,2415 *n*	0,8446 *n*	9,4362	+ 0,02
20	9,5774	0,9221	1,2068 *n*	1,0046 *n*	9,4776	+ 0,01
30	9,6011	0,9328	1,1557 *n*	1,1112 *n*	9,5154	+ 0,01
Maj. 10	9,6266	0,9437	1,0836 *n*	1,1861 *n*	9,5502	+ 0,01
20	9,6535	0,9539	0,9825 *n*	1,2390 *n*	9,5824	+ 0,01
30	9,6812	0,9623	0,8344 *n*	1,2750 *n*	9,6123	+ 0,01
Jun. 9	9,7089	0,9683	0,5880 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,7358	0,9716	9,9107 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7614	0,9718	0,3547	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,7850	0,9692	0,7225	1,2883 *n*	9,7150	+ 0,02
19	9,8063	0,9640	0,9111	1,2601 *n*	9,7373	+ 0,02
29	9,8252	0,9568	1,0335	1,2170 *n*	9,7585	+ 0,02
Aug. 8	9,8416	0,9484	1,1193	1,1552 *n*	9,7787	+ 0,02
18	9,8555	0,9398	1,1807	1,0685 *n*	9,7980	+ 0,02
28	9,8674	0,9321	1,2238	0,9435 *n*	9,8164	+ 0,02
Sept. 7	9,8777	0,9262	1,2518	0,7472 *n*	9,8342	+ 0,01
17	9,8867	0,9231	1,2664	0,3464 *n*	9,8512	+ 0,01
27	9,8952	0,9233	1,2682	0,0901	9,8676	+ 0,01
Oct. 7	9,9037	0,9269	1,2572	0,6688	9,8834	+ 0,01
17	9,9128	0,9336	1,2324	0,9020	9,8986	+ 0,01
27	9,9228	0,9425	1,1919	1,0443	9,9134	0,00
Nov. 6	9,9341	0,9526	1,1321	1,1415	9,9276	0,00
16	9,9466	0,9627	1,0466	1,2099	9,9414	0,00
26	9,9603	0,9716	0,9220	1,2575	9,9547	0,00
Dec. 6	9,9748	0,9784	0,7251	1,2880	9,9677	0,00
16	9,9896	0,9823	0,3202	1,3038	9,9803	0,00
26	0,0043	0,9831	0,0791 *n*	1,3056	9,9925	+ 0,01
36	0,0183	0,9805	0,6487 *n*	1,2957	0,0044	+ 0,01

Tabula VIII.

1755.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	8,4868	0,9819	0,5108 *n*	1,2998	— ∞	+ 0″,01
10	8,7989	0,9774	0,8075 *n*	1,2789	8,4362	+ 0,01
20	8,9686	0,9703	0,9728 *n*	1,2424	8,7373	+ 0,01
30	9,0801	0,9614	1,0815 *n*	1,1876	8,9134	+ 0,01
Febr. 9	9,1591	0,9518	1,1570 *n*	1,1091	9,0383	+ 0,01
19	9,2176	0,9426	1,2094 *n*	0,9967	9,1352	+ 0,01
Mart. 1	9,2627	0,9351	1,2438 *n*	0,8263	9,2144	+ 0,01
11	9,2994	0,9302	1,2632 *n*	0,5179	9,2813	0,00
21	9,3312	0,9286	1,2690 *n*	9,2854 *n*	9,3393	0,00
31	9,3610	0,9305	1,2618 *n*	0,5630 *n*	9,3905	0,00
Apr. 10	9,3910	0,9355	1,2415 *n*	0,8446 *n*	9,4362	— 0,01
20	9,4223	0,9428	1,2068 *n*	1,0046 *n*	9,4776	— 0,01
30	9,4556	0,9516	1,1556 *n*	1,1112 *n*	9,5154	— 0,01
Maj. 10	9,4906	0,9608	1,0836 *n*	1,1861 *n*	9,5502	— 0,01
20	9,5268	0,9692	0,9825 *n*	1,2390 *n*	9,5824	— 0,01
30	9,5634	0,9760	0,8344 *n*	1,2750 *n*	9,6123	— 0,01
Jun. 9	9,5992	0,9805	0,5880 *n*	1,2969 *n*	9,6404	— 0,01
19	9,6335	0,9824	9,9106 *n*	1,3061 *n*	9,6667	— 0,01
29	9,6655	0,9813	0,3548	1,3033 *n*	9,6915	— 0,01
Jul. 9	9,6947	0,9774	0,7225	1,2883 *n*	9,7150	— 0,01
19	9,7208	0,9710	0,9112	1,2601 *n*	9,7373	0,00
29	9,7436	0,9625	1,0335	1,2170 *n*	9,7585	0,00
Aug. 8	9,7633	0,9529	1,1193	1,1552 *n*	9,7787	0,00
18	9,7799	0,9430	1,1807	1,0685 *n*	9,7980	— 0,01
28	9,7941	0,9338	1,2238	0,9434 *n*	9,8164	— 0,01
Sept. 7	9,8062	0,9265	1,2518	0,7472 *n*	9,8342	— 0,01
17	9,8168	0,9219	1,2664	0,3464 *n*	9,8512	— 0,01
27	9,8268	0,9206	1,2682	0,0901	9,8676	— 0,01
Oct. 7	9,8367	0,9227	1,2572	0,6688	9,8834	— 0,01
17	9,8473	0,9280	1,2324	0,9020	9,8986	— 0,02
27	9,8590	0,9355	1,1919	1,0443	9,9134	— 0,02
Nov. 6	9,8720	0,9444	1,1321	1,1415	9,9276	— 0,02
16	9,8865	0,9532	1,0466	1,2099	9,9414	— 0,02
26	9,9022	0,9610	0,9220	1,2575	9,9547	— 0,02
Dec. 6	9,9188	0,9666	0,7251	1,2880	9,9677	— 0,02
16	9,9357	0,9693	0,3202	1,3038	9,9803	— 0,02
26	9,9523	0,9687	0,0790 *n*	1,3056	9,9925	— 0,02
36	9,9681	0,9648	0,6487 *n*	1,2937	0,0044	— 0,02

Tabula VIII.

1756.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
						″
Jan. 1	8,9202 *n*	0,9667	0,5108 *n*	1,2998	$-\infty$	— 0,02
11	8,7061 *n*	0,9607	0,8075 *n*	1,2789	8,4362	— 0,01
21	8,3138 *n*	0,9519	0,9728 *n*	1,2424	8,7373	— 0,01
31	7,8306	0,9412	1,0815 *n*	1,1876	8,9134	— 0,01
Febr. 10	8,4901	0,9297	1,1570 *n*	1,1091	9,0383	— 0,01
20	8,7150	0,9185	1,2094 *n*	0,9967	9,1352	— 0,02
Mart. 1	8,8459	0,9090	1,2438 *n*	0,8263	9,2144	— 0,02
11	8,9367	0,9023	1,2632 *n*	0,5179	9,2813	— 0,02
21	9,0076	0,8991	1,2690 *n*	9,2852 *n*	9,3393	— 0,02
31	9,0690	0,8995	1,2618 *n*	0,5630 *n*	9,3905	— 0,02
Apr. 10	9,1266	0,9033	1,2415 *n*	0,8446 *n*	9,4362	— 0,03
20	9,1832	0,9098	1,2068 *n*	1,0046 *n*	9,4776	— 0,03
30	9,2399	0,9178	1,1556 *n*	1,1112 *n*	9,5154	— 0,03
Maj. 10	9,2964	0,9262	1,0836 *n*	1,1861 *n*	9,5502	— 0,03
20	9,3525	0,9338	0,9825 *n*	1,2390 *n*	9,5824	— 0,03
30	9,4064	0,9399	0,8344 *n*	1,2750 *n*	9,6123	— 0,03
Jun. 9	9,4574	0,9434	0,5879 *n*	1,2969 *n*	9,6404	— 0,03
19	9,5047	0,9440	9,9105 *n*	1,3061 *n*	9,6667	— 0,03
29	9,5476	0,9415	0,3548	1,3033 *n*	9,6915	— 0,03
Jul. 9	9,5859	0,9358	0,7225	1,2883 *n*	9,7150	— 0,03
19	9,6195	0,9274	0,9112	1,2601 *n*	9,7373	— 0,02
29	9,6484	0,9166	1,0335	1,2170 *n*	9,7585	— 0,02
Aug. 8	9,6730	0,9044	1,1193	1,1552 *n*	9,7787	— 0,02
18	9,6938	0,8917	1,1807	1,0685 *n*	9,7980	— 0,03
28	9,7112	0,8799	1,2238	0,9434 *n*	9,8164	— 0,03
Sept. 7	9,7261	0,8700	1,2518	0,7472 *n*	9,8342	— 0,03
17	9,7392	0,8631	1,2664	0,3463 *n*	9,8512	— 0,03
27	9,7514	0,8600	1,2682	0,0901	9,8676	— 0,03
Oct. 7	9,7635	0,8609	1,2572	0,6688	9,8834	— 0,04
17	9,7762	0,8653	1,2324	0,9020	9,8986	— 0,04
27	9,7903	0,8725	1,1919	1,0443	9,9134	— 0,04
Nov. 6	9,8058	0,8812	1,1321	1,1415	9,9276	— 0,04
16	9,8229	0,8899	1,0466	1,2099	9,9414	— 0,04
26	9,8413	0,8975	0,9220	1,2575	9,9547	— 0,04
Dec. 6	9,8606	0,9025	0,7251	1,2880	9,9677	— 0,04
16	9,8801	0,9043	0,3202	1,3038	9,9803	— 0,04
26	9,8992	0,9022	0,0789 *n*	1,3056	9,9925	— 0,04
36	9,9173	0,8962	0,6487 *n*	1,2937	0,0044	— 0,04

Tabula VIII.

1757.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,2695 *n*	0,8989	0,5108 *n*	1,2998	— ∞	— 0,04
10	9,1851 *n*	0,8904	0,8075 *n*	1,2789	8,4362	— 0,03
20	9,0878 *n*	0,8787	0,9728 *n*	1,2425	8,7373	— 0,03
30	8,9756 *n*	0,8645	1,0815 *n*	1,1876	8,9134	— 0,03
Febr. 9	8,8443 *n*	0,8491	1,1570 *n*	1,1092	9,0383	— 0,04
19	8,6847 *n*	0,8340	1,2094 *n*	0,9968	9,1352	— 0,04
Mart. 1	8,4714 *n*	0,8208	1,2438 *n*	0,8263	9,2144	— 0,04
11	8,1062 *n*	0,8109	1,2632 *n*	0,5179	9,2813	— 0,04
21	7,4939	0,8052	1,2690 *n*	9,2851 *n*	9,3393	— 0,04
31	8,2818	0,8041	1,2618 *n*	0,5630 *n*	9,3905	— 0,04
Apr. 10	8,5600	0,8072	1,2415 *n*	0,8446 *n*	9,4362	— 0,04
20	8,7444	0,8136	1,2068 *n*	1,0046 *n*	9,4776	— 0,05
30	8,8886	0,8220	1,1556 *n*	1,1112 *n*	9,5154	— 0,05
Maj. 10	9,0095	0,8309	1,0836 *n*	1,1861 *n*	9,5502	— 0,05
20	9,1139	0,8389	0,9825 *n*	1,2390 *n*	9,5824	— 0,05
30	9,2051	0,8449	0,8344 *n*	1,2750 *n*	9,6123	— 0,05
Jun. 9	9,2850	0,8479	0,5879 *n*	1,2969 *n*	9,6404	— 0,05
19	9,3547	0,8472	9,9104 *n*	1,3061 *n*	9,6667	— 0,05
29	9,4152	0,8426	0,3548	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4674	0,8340	0,7225	1,2883 *n*	9,7150	— 0,04
19	9,5118	0,8218	0,9112	1,2601 *n*	9,7373	— 0,04
29	9,5493	0,8064	1,0335	1,2170 *n*	9,7585	— 0,04
Aug. 8	9,5808	0,7890	1,1193	1,1552 *n*	9,7787	— 0,04
18	9,6070	0,7708	1,1807	1,0685 *n*	9,7980	— 0,04
28	9,6289	0,7534	1,2238	0,9434 *n*	9,8164	— 0,04
Sept. 7	9,6475	0,7384	1,2518	0,7472 *n*	9,8342	— 0,05
17	9,6638	0,7273	1,2664	0,3463 *n*	9,8512	— 0,05
27	9,6790	0,7213	1,2682	0,0901	9,8676	— 0,05
Oct. 7	9,6938	0,7206	1,2572	0,6688	9,8834	— 0,05
17	9,7094	0,7250	1,2324	0,9020	9,8986	— 0,05
27	9,7263	0,7332	1,1919	1,0443	9,9134	— 0,05
Nov. 6	9,7448	0,7435	1,1321	1,1415	9,9276	— 0,05
16	9,7650	0,7539	1,0466	1,2099	9,9414	— 0,05
26	9,7865	0,7626	0,9220	1,2575	9,9547	— 0,05
Dec. 6	9,8088	0,7680	0,7251	1,2880	9,9677	— 0,05
16	9,8312	0,7689	0,3203	1,3038	9,9803	— 0,05
26	9,8530	0,7646	0,0789 *n*	1,3056	9,9925	— 0,05
36	9,8735	0,7547	0,6486 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1758.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4241 n	0,7591	0,5107 n	1,2998	$-\infty$	$-0''$,05
10	9,3653 n	0,7459	0,8075 n	1,2789	8,4362	— 0,05
20	9,3018 n	0,7278	0,9728 n	1,2425	8,7373	— 0,05
30	9,2348 n	0,7059	1,0815 n	1,1876	8,9134	— 0,05
Febr. 9	9,1651 n	0,6818	1,1570 n	1,1092	9,0383	— 0,05
19	9,0933 n	0,6577	1,2094 n	0,9968	9,1352	— 0,05
Mart. 1	9,0186 n	0,6359	1,2438 n	0,8263	9,2144	— 0,05
11	8,9381 n	0,6187	1,2632 n	0,5179	9,2813	— 0,05
21	8,8451 n	0,6079	1,2690 n	9,2850 n	9,3393	— 0,05
31	8,7256 n	0,6042	1,2618 n	0,5630 n	9,3905	— 0,06
Apr. 10	8,5459 n	0,6071	1,2415 n	0,8446 n	9,4362	— 0,06
20	8,1791 n	0,6154	1,2068 n	1,0046 n	9,4776	— 0,06
30	7,8811	0,6268	1,1556 n	1,1112 n	9,5154	— 0,06
Maj. 10	8,5223	0,6390	1,0836 n	1,1861 n	9,5502	— 0,06
20	8,7918	0,6498	0,9825 n	1,2390 n	9,5824	— 0,06
30	8,9693	0,6574	0,8344 n	1,2750 n	9,6123	— 0,06
Jun. 9	9,1018	0,6604	0,5879 n	1,2969 n	9,6404	— 0,06
19	9,2065	0,6578	9,9103 n	1,3061 n	9,6667	— 0,06
29	9,2913	0,6491	0,3549	1,3033 n	9,6915	— 0,06
Jul. 9	9,3610	0,6340	0,7225	1,2883 n	9,7150	— 0,06
19	9,4185	0,6128	0,9112	1,2601 n	9,7373	— 0,05
29	9,4659	0,5860	1,0335	1,2169 n	9,7585	— 0,05
Aug. 8	9,5050	0,5549	1,1193	1,1552 n	9,7787	— 0,05
18	9,5372	0,5213	1,1807	1,0685 n	9,7980	— 0,05
28	9,5639	0,4877	1,2238	0,9434 n	9,8164	— 0,05
Sept. 7	9,5865	0,4574	1,2518	0,7472 n	9,8342	— 0,06
17	9,6062	0,4337	1,2664	0,3463 n	9,8512	— 0,06
27	9,6243	0,4195	1,2682	0,0901	9,8676	— 0,06
Oct. 7	9,6421	0,4160	1,2572	0,6688	9,8834	— 0,06
17	9,6605	0,4226	1,2324	0,9020	9,8986	— 0,06
27	9,6802	0,4368	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7016	0,4549	1,1321	1,1415	9,9276	— 0,06
16	9,7246	0,4731	1,0466	1,2099	9,9414	— 0,06
26	9,7489	0,4878	0,9220	1,2575	9,9547	— 0,06
Dec. 6	9,7739	0,4962	0,7251	1,2880	9,9677	— 0,06
16	9,7987	0,4962	0,3203	1,3038	9,9803	— 0,06
26	9,8228	0,4864	0,0788 n	1,3056	9,9925	— 0,06
36	9,8453	0,4658	0,6486 n	1,2937	0,0044	— 0,06

Tabula VIII.

1759.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,4953 *n*	0,4748	0,5107 *n*	1,2998	— ∞	— 0,06
10	9,4444 *n*	0,4473	0,8075 *n*	1,2789	8,4362	— 0,06
20	9,3905 *n*	0,4086	0,9727 *n*	1,2425	8,7373	— 0,06
30	9,3346 *n*	0,3596	1,0815 *n*	1,1876	8,9134	— 0,06
Febr. 9	9,2780 *n*	0,3020	1,1570 *n*	1,1092	9,0383	— 0,06
19	9,2211 *n*	0,2392	1,2094 *n*	0,9968	9,1352	— 0,06
Mart. 1	9,1638 *n*	0,1766	1,2438 *n*	0,8263	9,2144	— 0,06
11	9,1044 *n*	0,1219	1,2632 *n*	0,5179	9,2813	— 0,06
21	9,0393 *n*	0,0835	1,2690 *n*	9,2849 *n*	9,3393	— 0,06
31	8,9620 *n*	0,0674	1,2618 *n*	0,5630 *n*	9,3905	— 0,06
Apr. 10	8,8611 *n*	0,0743	1,2415 *n*	0,8446 *n*	9,4362	— 0,06
20	8,7125 *n*	0,0987	1,2068 *n*	1,0046 *n*	9,4776	— 0,07
30	8,4450 *n*	0,1323	1,1556 *n*	1,1112 *n*	9,5154	— 0,07
Maj. 10	7,0739 *n*	0,1668	1,0836 *n*	1,1861 *n*	9,5502	— 0,07
20	8,4543	0,1959	0,9825 *n*	1,2390 *n*	9,5824	— 0,07
30	8,7834	0,2151	0,8344 *n*	1,2750 *n*	9,6123	— 0,07
Jun. 9	8,9777	0,2214	0,5879 *n*	1,2969 *n*	9,6404	— 0,06
19	9,1154	0,2124	9,9102 *n*	1,3061 *n*	9,6667	— 0,06
29	9,2206	0,1856	0,3549	1,3033 *n*	9,6915	— 0,06
Jul. 9	9,3037	0,1381	0,7225	1,2883 *n*	9,7150	— 0,06
19	9,3706	0,0652	0,9112	1,2601 *n*	9,7373	— 0,06
29	9,4249	9,9593	1,0335	1,2169 *n*	9,7585	— 0,06
Aug. 8	9,4692	9,8048	1,1193	1,1552 *n*	9,7787	— 0,06
18	9,5054	9,5621	1,1807	1,0685 *n*	9,7980	— 0,06
28	9,5354	9,0509	1,2238	0,9434 *n*	9,8164	— 0,06
Sept. 7	9,5607	9,0000 *n*	1,2518	0,7472 *n*	9,8342	— 0,06
17	9,5827	9,4102 *n*	1,2664	0,3463 *n*	9,8512	— 0,06
27	9,6030	9,5436 *n*	1,2682	0,0901	9,8676	— 0,06
Oct. 7	9,6227	9,5743 *n*	1,2572	0,6688	9,8834	— 0,07
17	9,6429	9,5309 *n*	1,2324	0,9020	9,8986	— 0,07
27	9,6644	9,4076 *n*	1,1919	1,0443	9,9134	— 0,07
Nov. 6	9,6874	9,1548 *n*	1,1321	1,1415	9,9276	— 0,07
16	9,7121	8,3891 *n*	1,0466	1,2099	9,9414	— 0,07
26	9,7379	8,8732	0,9220	1,2575	9,9547	— 0,07
Dec. 6	9,7643	9,1203	0,7251	1,2880	9,9677	— 0,07
16	9,7904	9,1120	0,3204	1,3038	9,9803	— 0,06
26	9,8156	8,7543	0,0787 *n*	1,3056	9,9925	— 0,06
36	9,8392	8,9416 *n*	0,6486 *n*	1,2937	0,0044	— 0,06

Tabula VIII.

1760.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,5093 *n*	8.4002 *n*	0,5107 *n*	1,2998	$-\infty$	$-0,06$
11	9,4585 *n*	9,3235 *n*	0,8074 *n*	1,2789	8,4362	— 0,06
21	9,4047 *n*	9,6541 *n*	0,9727 *n*	1,2425	8,7373	— 0,06
31	9,3487 *n*	9,8608 *n*	1,0815 *n*	1,1876	8,9134	— 0,06
Febr. 10	9,2918 *n*	0,0049 *n*	1,1570 *n*	1,1092	9,0383	— 0,06
20	9,2342 *n*	0,1080 *n*	1,2094 *n*	0,9968	9,1352	— 0,06
Mart. 1	9,1757 *n*	0,1806 *n*	1,2438 *n*	0,8263	9,2144	— 0,06
11	9,1145 *n*	0,2289 *n*	1,2632 *n*	0,5180	9,2813	— 0,06
21	9,0471 *n*	0,2568 *n*	1,2690 *n*	9,2848 *n*	9,3393	— 0,06
31	8,9665 *n*	0,2672 *n*	1,2618 *n*	0,5630 *n*	9,3905	— 0,06
Apr. 10	8,8605 *n*	0,2628 *n*	1,2415 *n*	0,8446 *n*	9,4362	— 0,06
20	8,7029 *n*	0,2460 *n*	1,2068 *n*	1,0046 *n*	9,4776	— 0,07
30	8,4100 *n*	0,2202 *n*	1,1556 *n*	1,1112 *n*	9,5154	— 0,07
Maj. 10	7,3034	0,1895 *n*	1,0836 *n*	1,1861 *n*	9,5502	— 0,07
20	8,5144	0,1596 *n*	0,9825 *n*	1,2390 *n*	9,5824	— 0,07
30	8,8193	0,1372 *n*	0,8344 *n*	1,2750 *n*	9,6123	— 0,06
Jun. 9	9,0055	0,1290 *n*	0,5879 *n*	1,2969 *n*	9,6404	— 0,06
19	9,1391	0,1392 *n*	9,9101 *n*	1,3061 *n*	9,6667	— 0,06
29	9,2418	0,1682 *n*	0,3549	1,3033 *n*	9,6915	— 0,06
Jul. 9	9,3235	0,2120 *n*	0,7225	1,2883 *n*	9,7150	— 0,06
19	9,3894	0,2645 *n*	0,9112	1,2601 *n*	9,7373	— 0,06
29	9,4432	0,3195 *n*	1,0335	1,2169 *n*	9,7585	— 0,06
Aug. 8	9,4871	0,3722 *n*	1,1193	1,1552 *n*	9,7787	— 0,06
18	9,5233	0,4193 *n*	1,1807	1,0684 *n*	9,7980	— 0,06
28	9,5533	0,4585 *n*	1,2238	0,9434 *n*	9,8164	— 0,06
Sept. 7	9,5788	0,4889 *n*	1,2518	0,7472 *n*	9,8342	— 0,06
17	9,6011	0,5099 *n*	1,2664	0,3463 *n*	9,8512	— 0,06
27	9,6215	0,5216 *n*	1,2682	0,0902	9,8676	— 0,06
Oct. 7	9,6414	0,5243 *n*	1,2572	0,6688	9,8834	— 0,06
17	9,6618	0,5189 *n*	1,2324	0,9020	9,8986	— 0,06
27	9,6833	0,5070 *n*	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7062	0,4907 *n*	1,1322	1,1415	9,9276	— 0,06
16	9,7347	0,4729 *n*	1,0466	1,2099	9,9414	— 0,06
26	9,7562	0,4573 *n*	0,9220	1,2575	9,9547	— 0,06
Dec. 6	9,7822	0,4475 *n*	0,7251	1,2880	9,9677	— 0,06
16	9,8080	0,4469 *n*	0,3204	1,3038	9,9803	— 0,06
26	9,8329	0,4570 *n*	0,0787 *n*	1,3056	9,9925	— 0,06
36	9,8561	0,4773 *n*	0,6486 *n*	1,2937	0,0044	— 0,06

Tabula VIII.

1761.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4713 *n*	0,4686 *n*	0,5107 *n*	1,2998	$-\infty$	—0,06
10	9,4139 *n*	0,4942 *n*	0,8074 *n*	1,2789	8,4362	—0,05
20	9,3519 *n*	0,5254 *n*	0,9727 *n*	1,2425	8,7373	—0,05
30	9,2860 *n*	0,5587 *n*	1,0815 *n*	1,1876	8,9134	—0,05
Febr. 9	9,2168 *n*	0,5908 *n*	1,1570 *n*	1,1092	9,0383	—0,05
19	9,1445 *n*	0,6191 *n*	1,2094 *n*	0,9968	9,1352	—0,05
Mart. 1	9,0678 *n*	0,6420 *n*	1,2438 *n*	0,8263	9,2144	—0,05
11	8,9835 *n*	0,6585 *n*	1,2632 *n*	0,5180	9,2813	—0,05
21	8,8840 *n*	0,6682 *n*	1,2690 *n*	9,2846 *n*	9,3393	—0,06
31	8,7538 *n*	0,6715 *n*	1,2618 *n*	0,5630 *n*	9,3905	—0,06
Apr. 10	8,5532 *n*	0,6689 *n*	1,2415 *n*	0,8446 *n*	9,4362	—0,06
20	8,1041 *n*	0,6615 *n*	1,2068 *n*	1,0046 *n*	9,4776	—0,06
30	8,1133	0,6508 *n*	1,1556 *n*	1,1112 *n*	9,5154	—0,06
Maj. 10	8,6195	0,6386 *n*	1,0836 *n*	1,1861 *n*	9,5502	—0,06
20	8,8648	0,6272 *n*	0,9825 *n*	1,2390 *n*	9,5824	—0,06
30	9,0313	0,6186 *n*	0,8343 *n*	1,2750 *n*	9,6123	—0,06
Jun. 9	9,1475	0,6147 *n*	0,5879 *n*	1,2969 *n*	9,6404	—0,06
19	9,2579	0,6170 *n*	9,9100 *n*	1,3061 *n*	9,6667	—0,05
29	9,3400	0,6257 *n*	0,3550	1,3033 *n*	9,6915	—0,05
Jul. 9	9,4079	0,6403 *n*	0,7226	1,2883 *n*	9,7150	—0,05
19	9,4643	0,6596 *n*	0,9112	1,2601 *n*	9,7373	—0,05
29	9,5112	0,6815 *n*	1,0335	1,2169 *n*	9,7585	—0,05
Aug. 8	9,5501	0,7041 *n*	1,1193	1,1552 *n*	9,7787	—0,05
18	9,5826	0,7257 *n*	1,1807	1,0684 *n*	9,7980	—0,05
28	9,6099	0,7445 *n*	1,2239	0,9434 *n*	9,8164	—0,05
Sept. 7	9,6332	0,7596 *n*	1,2518	0,7472 *n*	9,8342	—0,05
17	9,6538	0,7700 *n*	1,2664	0,3463 *n*	9,8512	—0,05
27	9,6728	0,7755 *n*	1,2682	0,0902	9,8676	—0,05
Oct. 7	9,6913	0,7760 *n*	1,2572	0,6688	9,8834	—0,05
17	9,7102	0,7721 *n*	1,2324	0,9020	9,8986	—0,05
27	9,7302	0,7644 *n*	1,1919	1,0443	9,9134	—0,05
Nov. 6	9,7515	0,7544 *n*	1,1322	1,1415	9,9276	—0,05
16	9,7742	0,7437 *n*	1,0466	1,2099	9,9414	—0,05
26	9,7979	0,7342 *n*	0,9220	1,2575	9,9547	—0,05
Dec. 6	9,8222	0,7279 *n*	0,7251	1,2880	9,9677	—0,05
16	9,8463	0,7264 *n*	0,3204	1,3038	9,9803	—0,05
26	9,8696	0,7305 *n*	0,0786 *n*	1,3056	9,9925	—0,04
36	9,8915	0,7402 *n*	0,6486 *n*	1,2937	0,0044	—0,04

Tabula VIII.

1762.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	9,3717 *n*	0,7360 *n*	0,5106 *n*	1,2998	— ∞	— 0,04
10	9,2965 *n*	0,7488 *n*	0,8074 *n*	1,2789	8,4362	— 0,04
20	9,2111 *n*	0,7653 *n*	0,9727 *n*	1,2425	8,7373	— 0,04
30	9,1144 *n*	0,7836 *n*	1,0815 *n*	1,1876	8,9134	— 0,04
Febr. 9	9,0038 *n*	0,8019 *n*	1,1570 *n*	1,1092	9,0383	— 0,04
19	8,8738 *n*	0,8185 *n*	1,2094 *n*	0,9968	9,1352	— 0,04
Mart. 1	8,7110 *n*	0,8321 *n*	1,2438 *n*	0,8264	9,2144	— 0,04
11	8,4767 *n*	0,8418 *n*	1,2632 *n*	0,5180	9,2813	— 0,04
21	7,9768 *n*	0,8471 *n*	1,2690 *n*	9,2845 *n*	9,3393	— 0,04
31	8,0463	0,8483 *n*	1,2618 *n*	0,5630 *n*	9,3905	— 0,04
Apr. 10	8,5172	0,8455 *n*	1,2415 *n*	0,8446 *n*	9,4362	— 0,04
20	8,7536	0,8395 *n*	1,2068 *n*	1,0046 *n*	9,4776	— 0,05
30	8,9199	0,8313 *n*	1,1556 *n*	1,1112 *n*	9,5154	— 0,05
Maj. 10	9,0514	0,8222 *n*	1,0836 *n*	1,1861 *n*	9,5502	— 0,04
20	9,1611	0,8135 *n*	0,9825 *n*	1,2390 *n*	9,5824	— 0,04
30	9,2550	0,8067 *n*	0,8343 *n*	1,2750 *n*	9,6123	— 0,04
Jun. 9	9,3362	0,8030 *n*	0,5878 *n*	1,2969 *n*	9,6404	— 0,04
19	9,4065	0,8032 *n*	9,9099 *n*	1,3061 *n*	9,6667	— 0,04
29	9,4675	0,8076 *n*	0,3550	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,5200	0,8161 *n*	0,7226	1,2883 *n*	9,7150	— 0,04
19	9,5650	0,8278 *n*	0,9112	1,2601 *n*	9,7373	— 0,03
29	9,6034	0,8416 *n*	1,0335	1,2169 *n*	9,7585	— 0,03
Aug. 8	9,6359	0,8562 *n*	1,1193	1,1552 *n*	9,7787	— 0,03
18	9,6634	0,8704 *n*	1,1807	1,0684 *n*	9,7980	— 0,03
28	9,6867	0,8829 *n*	1,2239	0,9434 *n*	9,8164	— 0,03
Sept. 7	9,7069	0,8928 *n*	1,2518	0,7472 *n*	9,8342	— 0,03
17	9,7249	0,8994 *n*	1,2664	0,3463 *n*	9,8512	— 0,03
27	9,7416	0,9024 *n*	1,2682	0,0902	9,8676	— 0,03
Oct. 7	9,7580	0,9017 *n*	1,2572	0,6688	9,8834	— 0,04
17	9,7747	0,8976 *n*	1,2324	0,9020	9,8986	— 0,04
27	9,7924	0,8908 *n*	1,1919	1,0443	9,9134	— 0,04
Nov. 6	9,8114	0,8821 *n*	1,1322	1,1415	9,9276	— 0,04
16	9,8316	0,8730 *n*	1,0466	1,2099	9,9414	— 0,04
26	9,8529	0,8647 *n*	0,9220	1,2575	9,9547	— 0,03
Dec. 6	9,8747	0,8588 *n*	0,7252	1,2880	9,9677	— 0,03
16	9,8965	0,8564 *n*	0,3205	1,3038	9,9803	— 0,03
26	9,9176	0,8581 *n*	0,0785 *n*	1,3056	9,9925	— 0,03
36	9,9375	0,8642 *n*	0,6486 *n*	1,2937	0,0044	— 0,03

Tabula VIII.

1763.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,1716 *n*	0,8614 *n*	0,5106 *n*	1,2998	— ∞	— 0″,03
10	9,0430 *n*	0,8698 *n*	0,8074 *n*	1,2789	8,4362	— 0,02
20	8,8722 *n*	0,8811 *n*	0,9727 *n*	1,2425	8,7373	— 0,02
30	8,6176 *n*	0,8940 *n*	1,0815 *n*	1,1876	8,9134	— 0,02
Febr. 9	8,0656 *n*	0,9071 *n*	1,1570 *n*	1,1092	9,0383	— 0,02
19	8,1766	0,9190 *n*	1,2094 *n*	0,9968	9,1352	— 0,02
Mart. 1	8,5905	0,9287 *n*	1,2438 *n*	0,8264	9,2144	— 0,02
11	8,7848	0,9353 *n*	1,2632 *n*	0,5180	9,2813	— 0,02
21	8,9136	0,9385 *n*	1,2690 *n*	9,2844 *n*	9,3393	— 0,02
31	9,0132	0,9383 *n*	1,2618 *n*	0,5630 *n*	9,3905	— 0,03
Apr. 10	9,0983	0,9349 *n*	1,2415 *n*	0,8446 *n*	9,4362	— 0,03
20	9,1752	0,9288 *n*	1,2068 *n*	1,0046 *n*	9,4776	— 0,03
30	9,2472	0,9210 *n*	1,1556 *n*	1,1112 *n*	9,5154	— 0,03
Maj. 10	9,3151	0,9124 *n*	1,0836 *n*	1,1861 *n*	9,5502	— 0,03
20	9,3792	0,9041 *n*	0,9825 *n*	1,2390 *n*	9,5824	— 0,03
30	9,4392	0,8973 *n*	0,8343 *n*	1,2750 *n*	9,6123	— 0,02
Jun. 9	9,4946	0,8930 *n*	0,5878 *n*	1,2969 *n*	9,6404	— 0,02
19	9,5453	0,8918 *n*	9,9098 *n*	1,3061 *n*	9,6667	— 0,02
29	9,5909	0,8942 *n*	0,3550	1,3033 *n*	9,6915	— 0,02
Jul. 9	9,6315	0,8998 *n*	0,7226	1,2882 *n*	9,7150	— 0,02
19	9,6671	0,9082 *n*	0,9112	1,2601 *n*	9,7373	— 0,01
29	9,6981	0,9184 *n*	1,0335	1,2169 *n*	9,7585	— 0,01
Aug. 8	9,7247	0,9295 *n*	1,1193	1,1552 *n*	9,7787	— 0,01
18	9,7476	0,9403 *n*	1,1808	1,0684 *n*	9,7980	— 0,01
28	9,7673	0,9498 *n*	1,2239	0,9434 *n*	9,8164	— 0,01
Sept. 7	9,7844	0,9571 *n*	1,2518	0,7472 *n*	9,8342	— 0,01
17	9,7997	0,9616 *n*	1,2664	0,3462 *n*	9,8512	— 0,02
27	9,8041	0,9631 *n*	1,2682	0,0902	9,8676	— 0,02
Oct. 7	9,8282	0,9613 *n*	1,2572	0,6688	9,8834	— 0,02
17	9,8428	0,9566 *n*	1,2324	0,9020	9,8986	— 0,02
27	9,8582	0,9494 *n*	1,1919	1,0443	9,9134	— 0,02
Nov. 6	9,8747	0,9406 *n*	1,1322	1,1415	9,9276	— 0,02
16	9,8925	0,9313 *n*	1,0466	1,2099	9,9414	— 0,02
26	9,9112	0,9228 *n*	0,9220	1,2575	9,9547	— 0,02
Dec. 6	9,9305	0,9163 *n*	0,7252	1,2880	9,9677	— 0,01
16	9,9499	0,9129 *n*	0,3205	1,3038	9,9803	— 0,01
26	9,9688	0,9131 *n*	0,0784 *n*	1,3056	9,9925	— 0,01
36	9,9867	0,9171 *n*	0,6485 *n*	1,2937	0,0044	— 0,01

Tabula VIII.

1764.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 1	8,6519 n	0,9151 n	0,5106 n	1,2998	$-\infty$	— 0,01
11	7,8138 n	0,9212 n	0,8074 n	1,2789	8,4362	— 0,01
21	8,4727	0,9300 n	0,9727 n	1,2425	8,7373	0,00
31	8,7995	0,9403 n	1,0815 n	1,1876	8,9134	0,00
Febr. 10	8,9691	0,9508 n	1,1570 n	1,1092	9,0383	0,00
20	9,0794	0,9604 n	1,2094 n	0,9968	9,1352	0,00
Mart. 1	9,1591	0,9680 n	1,2438 n	0,8264	9,2144	0,00
11	9,2214	0,9728 n	1,2632 n	0,5180	9,2813	0,00
21	9,2736	0,9746 n	1,2690 n	9,2843 n	9,3393	— 0,01
31	9,3204	0,9732 n	1,2618 n	0,5630 n	9,3905	— 0,01
Apr. 10	9,3648	0,9688 n	1,2415 n	0,8446 n	9,4362	— 0,01
20	9,4086	0,9620 n	1,2068 n	1,0046 n	9,4776	— 0,01
30	9,4524	0,9535 n	1,1556 n	1,1112 n	9,5154	— 0,01
Maj. 10	9,4962	0,9442 n	1,0836 n	1,1861 n	9,5502	— 0,01
20	9,5398	0,9352 n	0,9825 n	1,2390 n	9,5824	— 0,01
30	9,5823	0,9275 n	0,8343 n	1,2750 n	9,6123	0,00
Jun. 9	9,6230	0,9221 n	0,5878 n	1,2969 n	9,6404	0,00
19	9,6614	0,9197 n	9,9097 n	1,3061 n	9,6667	0,00
29	9,6969	0,9205 n	0,3551	1,3033 n	9,6915	0,00
Jul. 9	9,7291	0,9244 n	0,7226	1,2882 n	9,7150	0,00
19	9,7580	0,9310 n	0,9112	1,2601 n	9,7373	0,00
29	9,7833	0,9394 n	1,0335	1,2169 n	9,7585	+ 0,01
Aug. 8	9,8055	0,9487 n	1,1193	1,1552 n	9,7787	+ 0,01
18	9,8246	0,9577 n	1,1808	1,0684 n	9,7980	+ 0,01
28	9,8412	0,9656 n	1,2239	0,9434 n	9,8164	+ 0,01
Sept. 7	9,8558	0,9714 n	1,2518	0,7472 n	9,8342	+ 0,01
17	9,8684	0,9746 n	1,2664	0,3462 n	9,8512	+ 0,01
27	9,8812	0,9748 n	1,2682	0,0902	9,8676	0,00
Oct. 7	9,8934	0,9718 n	1,2572	0,6688	9,8834	0,00
17	9,9059	0,9659 n	1,2324	0,9020	9,8986	0,00
27	9,9193	0,9576 n	1,1919	1,0443	9,9134	0,00
Nov. 6	9,9338	0,9477 n	1,1322	1,1415	9,9276	0,00
16	9,9493	0,9373 n	1,0466	1,2099	9,9414	0,00
26	9,9658	0,9275 n	0,9220	1,2574	9,9547	0,00
Dec. 6	9,9829	0,9197 n	0,7252	1,2880	9,9677	+ 0,01
16	0,0001	0,9149 n	0,3205	1,3038	9,9803	+ 0,01
26	0,0170	0,9137 n	0,0784 n	1,3056	9,9925	+ 0,01
36	0,0330	0,9162 n	0,6485 n	1,2937	0,0044	+ 0,01

Tabula VIII.

1765.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	8,8088	0,9148 *n*	0,5106 *n*	1,2998	— ∞	+ 0,01
10	9,0117	0,9195 *n*	0,8074 *n*	1,2789	8,4362	+ 0,01
20	9,1428	0,9270 *n*	0,9727 *n*	1,2425	8,7373	+ 0,02
30	9,2361	0,9361 *n*	1,0815 *n*	1,1876	8,9134	+ 0,02
Febr. 9	9,3060	0,9453 *n*	1,1570 *n*	1,1092	9,0383	+ 0,02
19	9,3602	0,9537 *n*	1,2094 *n*	0,9968	9,1352	+ 0,02
Mart. 1	9,4037	0,9601 *n*	1,2438 *n*	0,8264	9,2144	+ 0,02
11	9,4401	0,9638 *n*	1,2632 *n*	0,5180	9,2813	+ 0,02
21	9,4713	0,9644 *n*	1,2690 *n*	9,2842 *n*	9,3393	+ 0,01
31	9,5025	0,9617 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,01
Apr. 10	9,5321	0,9559 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,01
20	9,5622	0,9476 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,01
30	9,5933	0,9374 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,01
Maj. 10	9,6253	0,9264 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,01
20	9,6579	0,9156 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,01
30	9,6906	0,9062 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,02
Jun. 9	9,7226	0,8991 *n*	0,5878 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7533	0,8950 *n*	9,9096 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,7821	0,8944 *n*	0,3551	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,8086	0,8971 *n*	0,7226	1,2882 *n*	9,7150	+ 0,02
19	9,8327	0,9027 *n*	0,9112	1,2601 *n*	9,7373	+ 0,03
29	9,8540	0,9103 *n*	1,0336	1,2169 *n*	9,7585	+ 0,03
Aug. 8	9,8728	0,9188 *n*	1,1193	1,1552 *n*	9,7787	+ 0,03
18	9,8891	0,9272 *n*	1,1808	1,0684 *n*	9,7980	+ 0,03
28	9,9033	0,9343 *n*	1,2239	0,9434 *n*	9,8164	+ 0,03
Sept. 7	9,9159	0,9393 *n*	1,2518	0,7472 *n*	9,8342	+ 0,03
17	9,9272	0,9414 *n*	1,2664	0,3462 *n*	9,8512	+ 0,02
27	9,9379	0,9403 *n*	1,2682	0,0902	9,8676	+ 0,02
Oct. 7	9,9485	0,9358 *n*	1,2572	0,6688	9,8834	+ 0,02
17	9,9595	0,9280 *n*	1,2324	0,9020	9,8986	+ 0,02
27	9,9712	0,9176 *n*	1,1919	1,0443	9,9134	+ 0,02
Nov. 6	9,9839	0,9053 *n*	1,1322	1,1415	9,9276	+ 0,02
16	9,9977	0,8924 *n*	1,0466	1,2099	9,9414	+ 0,02
26	0,0124	0,8801 *n*	0,9220	1,2574	9,9547	+ 0,02
Dec. 6	0,0276	0,8698 *n*	0,7252	1,2880	9,9677	+ 0,03
16	0,0431	0,8629 *n*	0,3206	1,3038	9,9803	+ 0,03
26	0,0583	0,8600 *n*	0,0783 *n*	1,3056	9,9925	+ 0,03
36	0,0728	0,8614 *n*	0,6485 *n*	1,2937	0,0044	+ 0,03

Tabula VIII.

1766.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,2249	0,8604 *n*	0,5105 *n*	1,2998	$-\infty$	+ 0″,03
10	9,3136	0,8642 *n*	0,8074 *n*	1,2789	8,4362	+ 0,03
20	9,3833	0,8711 *n*	0,9727 *n*	1,2425	8,7373	+ 0,03
30	9,4389	0,8799 *n*	1,0815 *n*	1,1876	8,9134	+ 0,04
Febr. 9	9,4835	0,8891 *n*	1,1570 *n*	1,1092	9,0383	+ 0,04
19	9,5198	0,8973 *n*	1,2094 *n*	0,9968	9,1352	+ 0,04
Mart. 1	9,5500	0,9032 *n*	1,2438 *n*	0,8264	9,2144	+ 0,04
11	9,5759	0,9061 *n*	1,2632 *n*	0,5180	9,2813	+ 0,03
21	9,5992	0,9054 *n*	1,2690 *n*	9,2840 *n*	9,3393	+ 0,03
31	9,6215	0,9010 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,03
Apr. 10	9,6438	0,8930 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,03
20	9,6669	0,8820 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,03
30	9,6912	0,8687 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,03
Maj. 10	9,7166	0,8543 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7429	0,8400 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,03
30	9,7696	0,8272 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,03
Jun. 9	9,7961	0,8171 *n*	0,5878 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8219	0,8106 *n*	9,9095 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8463	0,8082 *n*	0,3552	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8690	0,8100 *n*	0,7226	1,2882 *n*	9,7150	+ 0,04
19	9,8898	0,8152 *n*	0,9112	1,2601 *n*	9,7373	+ 0,04
29	9,9083	0,8230 *n*	1,0336	1,2169 *n*	9,7585	+ 0,04
Aug. 8	9,9246	0,8319 *n*	1,1193	1,1552 *n*	9,7787	+ 0,04
18	9,9389	0,8406 *n*	1,1808	1,0684 *n*	9,7980	+ 0,04
28	9,9514	0,8478 *n*	1,2239	0,9434 *n*	9,8164	+ 0,04
Sept. 7	9,9624	0,8525 *n*	1,2518	0,7472 *n*	9,8342	+ 0,04
17	9,9723	0,8537 *n*	1,2664	0,3462 *n*	9,8512	+ 0,04
27	9,9817	0,8509 *n*	1,2682	0,0902	9,8676	+ 0,04
Oct. 7	9,9911	0,8439 *n*	1,2572	0,6688	9,8834	+ 0,04
17	0,0008	0,8329 *n*	1,2324	0,9020	9,8986	+ 0,04
27	0,0113	0,8185 *n*	1,1919	1,0443	9,9134	+ 0,04
Nov. 6	0,0227	0,8015 *n*	1,1322	1,1415	9,9276	+ 0,04
16	0,0350	0,7834 *n*	1,0466	1,2099	9,9414	+ 0,04
26	0,0483	0,7658 *n*	0,9221	1,2574	9,9547	+ 0,04
Dec. 6	0,0621	0,7508 *n*	0,7252	1,2880	9,9677	+ 0,04
16	0,0762	0,7399 *n*	0,3206	1,3038	9,9803	+ 0,04
26	0,0901	0,7344 *n*	0,0782 *n*	1,3056	9,9925	+ 0,05
36	0,1034	0,7345 *n*	0,6485 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1767.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4057	0,7338 *n*	0,5105 *n*	1,2998	$-\infty$	+ 0,05
10	9,4653	0,7372 *n*	0,8074 *n*	1,2789	8,4362	+ 0,05
20	9,5148	0,7448 *n*	0,9727 *n*	1,2425	8,7373	+ 0,05
30	9,5557	0,7550 *n*	1,0815 *n*	1,1876	8,9134	+ 0,05
Febr. 9	9,5896	0,7656 *n*	1,1570 *n*	1,1092	9,0383	+ 0,05
19	9,6176	0,7749 *n*	1,2094 *n*	0,9968	9,1352	+ 0,05
Mart. 1	9,6412	0,7813 *n*	1,2438 *n*	0,8264	9,2144	+ 0,05
11	9,6617	0,7837 *n*	1,2632 *n*	0,5180	9,2813	+ 0,05
21	9,6804	0,7813 *n*	1,2690 *n*	9,2839 *n*	9,3393	+ 0,05
31	9,6984	0,7739 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,05
Apr. 10	9,7166	0,7616 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7356	0,7451 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7559	0,7252 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,04
Maj. 10	9,7774	0,7033 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,7999	0,6812 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8229	0,6608 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8460	0,6440 *n*	0,5877 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8686	0,6324 *n*	9,9094 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,8903	0,6269 *n*	0,3552	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9105	0,6277 *n*	0,7227	1,2882 *n*	9,7150	+ 0,05
19	9,9290	0,6338 *n*	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9456	0,6437 *n*	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9602	0,6554 *n*	1,1193	1,1552 *n*	9,7787	+ 0,06
18	9,9731	0,6667 *n*	1,1808	1,0684 *n*	9,7980	+ 0,06
28	9,9843	0,6759 *n*	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	9,9941	0,6812 *n*	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0031	0,6814 *n*	1,2664	0,3462 *n*	9,8512	+ 0,05
27	0,0115	0,6757 *n*	1,2682	0,0903	9,8676	+ 0,05
Oct. 7	0,0199	0,6637 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0287	0,6453 *n*	1,2324	0,9020	9,8986	+ 0,05
27	0,0382	0,6211 *n*	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0486	0,5922 *n*	1,1322	1,1414	9,9276	+ 0,05
16	0,0600	0,5605 *n*	1,0466	1,2099	9,9414	+ 0,05
26	0,0722	0,5288 *n*	0,9221	1,2574	9,9547	+ 0,05
Dec. 6	0,0850	0,5003 *n*	0,7252	1,2880	9,9677	+ 0,05
16	0,0981	0,4785 *n*	0,3206	1,3038	9,9803	+ 0,05
26	0,1110	0,4661 *n*	0,0782 *n*	1,3056	9,9925	+ 0,06
36	0,1234	0,4640 *n*	0,6485 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1768.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,4980	0,4636 n	0,5105 n	1,2998	$-\infty$	$+$ 0,06
11	9,5457	0,4677 n	0,8074 n	1,2789	8,4362	$+$ 0,06
21	9,5863	0,4796 n	0,9727 n	1,2425	8,7373	$+$ 0,06
31	9,6204	0,4961 n	1,0815 n	1,1876	8,9134	$+$ 0,06
Febr. 10	9,6489	0,5133 n	1,1570 n	1,1092	9,0383	$+$ 0,06
20	9,6726	0,5280 n	1,2094 n	0,9968	9,1352	$+$ 0,06
Mart. 1	9,6927	0,5374 n	1,2438 n	0,8264	9,2144	$+$ 0,06
11	9,7102	0,5398 n	1,2632 n	0,5180	9,2813	$+$ 0,06
21	9,7263	0,5339 n	1,2690 n	9,2838 n	9,3393	$+$ 0,06
31	9,7418	0,5190 n	1,2618 n	0,5630 n	9,3905	$+$ 0,06
Apr. 10	9,7577	0,4949 n	1,2415 n	0,8446 n	9,4362	$+$ 0,06
20	9,7744	0,4618 n	1,2068 n	1,0046 n	9,4776	$+$ 0,05
30	9,7924	0,4207 n	1,1556 n	1,1112 n	9,5154	$+$ 0,05
Maj. 10	9,8115	0,3732 n	1,0836 n	1,1861 n	9,5502	$+$ 0,05
20	9,8318	0,3219 n	0,9825 n	1,2390 n	9,5824	$+$ 0,05
30	9,8527	0,2709 n	0,8343 n	1,2750 n	9,6123	$+$ 0,06
Jun. 9	9,8738	0,2253 n	0,5877 n	1,2969 n	9,6404	$+$ 0,06
19	9,8945	0,1909 n	9,9093 n	1,3061 n	9,6667	$+$ 0,06
29	9,9144	0,1724 n	0,3552	1,3033 n	9,6915	$+$ 0,06
Jul. 9	9,9331	0,1713 n	0,7227	1,2882 n	9,7150	$+$ 0,06
19	9,9502	0,1855 n	0,9113	1,2601 n	9,7373	$+$ 0,06
29	9,9656	0,2098 n	1,0336	1,2169 n	9,7585	$+$ 0,06
Aug. 8	9,9792	0,2381 n	1,1193	1,1552 n	9,7787	$+$ 0,06
18	9,9911	0,2648 n	1,1808	1,0684 n	9,7980	$+$ 0,06
28	0,0014	0,2852 n	1,2239	0,9434 n	9,8164	$+$ 0,06
Sept. 7	0,0105	0,2960 n	1,2519	0,7471 n	9,8342	$+$ 0,06
17	0,0187	0,2944 n	1,2664	0,3462 n	9,8512	$+$ 0,06
27	0,0265	0,2783 n	1,2682	0,0903	9,8676	$+$ 0,06
Oct. 7	0,0342	0,2454 n	1,2572	0,6688	9,8834	$+$ 0,06
17	0,0423	0,1929 n	1,2324	0,9020	9,8986	$+$ 0,06
27	0,0512	0,1175 n	1,1919	1,0443	9,9134	$+$ 0,06
Nov. 6	0,0609	0,0142 n	1,1322	1,1414	9,9276	$+$ 0,06
16	0,0716	9,8751 n	1,0467	1,2099	9,9414	$+$ 0,06
26	0,0832	9,6867 n	0,9221	1,2574	9,9547	$+$ 0,06
Dec. 6	0,0953	9,5215 n	0,7252	1,2880	9,9677	$+$ 0,06
16	0,1078	9,0065 n	0,3207	1,3038	9,9803	$+$ 0,06
26	0,1201	7,9639 n	0,0781 n	1,3056	9,9925	$+$ 0,06
36	0,1319	8,0628	0,6484 n	1,2937	0,0044	$+$ 0,06

Tabula VIII.

1769.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,5333	8,0738	0,5105 *n*	1,2998	— ∞	+ 0″,06
10	9,5763	7,9395 *n*	0,8073 *n*	1,2789	8,4362	+ 0,06
20	9,6132	8,9243 *n*	0,9727 *n*	1,2425	8,7373	+ 0,07
30	9,6444	9,2881 *n*	1,0815 *n*	1,1876	8,9134	+ 0,07
Febr. 9	9,6704	9,4980 *n*	1,1570 *n*	1,1092	9,0383	+ 0,07
19	9,6922	9,6242 *n*	1,2094 *n*	0,9968	9,1352	+ 0,06
Mart. 1	9,7106	9,6899 *n*	1,2438 *n*	0,8264	9,2144	+ 0,06
11	9,7266	9,7019 *n*	1,2632 *n*	0,5181	9,2813	+ 0,06
21	9,7413	9,6544 *n*	1,2690 *n*	9,2837 *n*	9,3393	+ 0,06
31	9,7555	9,5195 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7701	9,1690 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7857	8,9337	1,2068 *n*	1,0046 *n*	9,4776	+ 0,06
30	9,8025	9,5460	1,1556 *n*	1,1112 *n*	9,5154	+ 0,06
Maj. 10	9,8206	9,7984	1,0836 *n*	1,1861 *n*	9,5502	+ 0,06
20	9,8398	9,9519	0,9825 *n*	1,2390 *n*	9,5824	+ 0,06
30	9,8597	0,0535	0,8343 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8799	0,1207	0,5877 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,8998	0,1617	9,9092 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9189	0,1815	0,3553	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9369	0,1832	0,7227	1,2882 *n*	9,7150	+ 0,06
19	9,9533	0,1696	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9681	0,1434	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9812	0,1084	1,1193	1,1552 *n*	9,7787	+ 0,07
18	9,9926	0,0702	1,1808	1,0684 *n*	9,7980	+ 0,06
28	0,0024	0,0366	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	0,0111	0,0172	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0188	0,0203	1,2664	0,3462 *n*	9,8512	+ 0,06
27	0,0262	0,0492	1,2682	0,0903	9,8676	+ 0,06
Oct. 7	0,0335	0,1000	1,2572	0,6688	9,8834	+ 0,06
17	0,0412	0,1640	1,2324	0,9020	9,8986	+ 0,06
27	0,0497	0,2322	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0591	0,2975	1,1322	1,1414	9,9276	+ 0,05
16	0,0694	0,3552	1,0467	1,2099	9,9414	+ 0,05
26	0,0807	0,4029	0,9221	1,2574	9,9547	+ 0,06
Dec. 6	0,0925	0,4392	0,7252	1,2880	9,9677	+ 0,06
16	0,1047	0,4639	0,3207	1,3038	9,9803	+ 0,06
26	0,1168	0,4772	0,0780 *n*	1,3056	9,9925	+ 0,06
36	0,1284	0,4799	0,6484 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1770.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,5195	0,4800	0,5104 *n*	1,2998	— ∞	+ 0″,06
10	9,5626	0,4767	0,8073 *n*	1,2789	8,4362	+ 0,06
20	9,5995	0,4653	0,9727 *n*	1,2425	8,7373	+ 0,06
30	9,6305	0,4481	1,0815 *n*	1,1876	8,9134	+ 0,06
Febr. 9	9,6564	0,4285	1,1570 *n*	1,1092	9,0383	+ 0,06
19	9,6779	0,4104	1,2094 *n*	0,9968	9,1352	+ 0,06
Mart. 1	9,6960	0,3980	1,2438 *n*	0,8264	9,2144	+ 0,06
11	9,7117	0,3949	1,2632 *n*	0,5181	9,2813	+ 0,06
21	9,7260	0,4032	1,2690 *n*	9,2835 *n*	9,3393	+ 0,06
31	9,7400	0,4227	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7543	0,4510	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7697	0,4848	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7864	0,5204	1,1556 *n*	1,1112 *n*	9,5154	+ 0,05
Maj. 10	9,8044	0,5546	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8237	0,5851	0,9825 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8437	0,6103	0,8343 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8640	0,6293	0,5877 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8841	0,6418	9,9092 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9033	0,6478	0,3553	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9214	0,6477	0,7227	1,2882 *n*	9,7150	+ 0,06
19	9,9380	0,6424	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9528	0,6330	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9658	0,6211	1,1193	1,1552 *n*	9,7787	+ 0,06
18	9,9772	0,6089	1,1808	1,0684 *n*	9,7980	+ 0,06
28	9,9869	0,5985	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	9,9954	0,5923	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0030	0,5922	1,2664	0,3462 *n*	9,8512	+ 0,05
27	0,0102	0,5991	1,2682	0,0903	9,8676	+ 0,05
Oct. 7	0,0174	0,6131	1,2572	0,6688	9,8834	+ 0,05
17	0,0250	0,6328	1,2324	0,9020	9,8986	+ 0,05
27	0,0334	0,6562	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0427	0,6811	1,1322	1,1414	9,9276	+ 0,05
16	0,0531	0,7050	1,0467	1,2099	9,9414	+ 0,05
26	0,0644	0,7261	0,9221	1,2574	9,9547	+ 0,05
Dec. 6	0,0764	0,7429	0,7253	1,2880	9,9677	+ 0,05
16	0,0886	0,7545	0,3208	1,3038	9,9803	+ 0,05
26	0,1008	0,7605	0,0780 *n*	1,3056	9,9925	+ 0,05
36	0,1125	0,7610	0,6484 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1771.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4517	0,7614	0,5104 n	1,2998	$-\infty$	$+0''$,05
10	9,5004	0,7588	0,8073 n	1,2790	8,4362	+ 0,05
20	9,5416	0,7519	0,9727 n	1,2425	8,7373	+ 0,05
30	9,5758	0,7422	1,0815 n	1,1876	8,9134	+ 0,05
Febr. 9	9,6040	0,7313	1,1570 n	1,1092	9,0383	+ 0,05
19	9,6272	0,7214	1,2094 n	0,9968	9,1352	+ 0,05
Mart. 1	9,6466	0,7143	1,2438 n	0,8264	9,2144	+ 0,05
11	9,6632	0,7117	1,2632 n	0,5181	9,2813	+ 0,05
21	9,6784	0,7146	1,2690 n	9,2834 n	9,3393	+ 0,05
31	9,6931	0,7231	1,2618 n	0,5630 n	9,3905	+ 0,04
Apr. 10	9,7082	0,7364	1,2415 n	0,8446 n	9,4362	+ 0,04
20	9,7245	0,7531	1,2068 n	1,0046 n	9,4776	+ 0,04
30	9,7423	0,7716	1,1556 n	1,1112 n	9,5154	+ 0,04
Maj. 10	9,7616	0,7901	1,0836 n	1,1861 n	9,5502	+ 0,04
20	9,7821	0,8071	0,9825 n	1,2390 n	9,5824	+ 0,04
30	9,8035	0,8214	0,8343 n	1,2750 n	9,6123	+ 0,04
Jun. 9	9,8251	0,8322	0,5877 n	1,2969 n	9,6404	+ 0,04
19	9,8464	0,8391	9,9091 n	1,3061 n	9,6667	+ 0,04
29	9,8669	0,8419	0,3553	1,3033 n	9,6915	+ 0,04
Jul. 9	9,8860	0,8409	0,7227	1,2882 n	9,7150	+ 0,05
19	9,9035	0,8364	0,9113	1,2601 n	9,7373	+ 0,05
29	9,9191	0,8294	1,0336	1,2169 n	9,7585	+ 0,05
Aug. 8	9,9327	0,8208	1,1194	1,1552 n	9,7787	+ 0,05
18	9,9445	0,8120	1,1808	1,0684 n	9,7980	+ 0,05
28	9,9546	0,8044	1,2239	0,9434 n	9,8164	+ 0,04
Sept. 7	9,9633	0,7993	1,2519	0,7471 n	9,8342	+ 0,04
17	9,9711	0,7980	1,2664	0,3461 n	9,8512	+ 0,04
27	9,9785	0,8012	1,2682	0,0903	9,8676	+ 0,04
Oct. 7	9,9858	0,8088	1,2572	0,6688	9,8834	+ 0,04
17	9,9936	0,8202	1,2324	0,9020	9,8986	+ 0,04
27	0,0023	0,8344	1,1919	1,0443	9,9134	+ 0,03
Nov. 6	0,0120	0,8499	1,1322	1,1414	9,9276	+ 0,03
16	0,0228	0,8652	1,0467	1,2099	9,9414	+ 0,03
26	0,0346	0,8788	0,9221	1,2574	9,9547	+ 0,03
Dec. 6	0,0470	0,8896	0,7253	1,2880	9,9677	+ 0,03
16	0,0599	0,8968	0,3208	1,3038	9,9803	+ 0,04
26	0,0726	0,9001	0,0779 n	1,3056	9,9925	+ 0,04
36	0,0848	0,8994	0,6484 n	1,2937	0,0044	+ 0,04

Tabula VIII.

1772.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,3076	0,9001	0,5104 *n*	1,2998	$-\infty$	+ 0″,04
11	9,3721	0,8971	0,8073 *n*	1,2790	8,4362	+ 0,04
21	9,4258	0,8910	0,9727 *n*	1,2425	8,7373	+ 0,04
31	9,4689	0,8828	1,0815 *n*	1,1877	8,9134	+ 0,04
Febr. 10	9,5036	0,8738	1,1570 *n*	1,1092	9,0383	+ 0,04
20	9,5317	0,8654	1,2094 *n*	0,9968	9,1352	+ 0,04
Mart. 1	9,5548	0,8591	1,2438 *n*	0,8264	9,2144	+ 0,04
11	9,5745	0,8559	1,2632 *n*	0,5181	9,2813	+ 0,03
21	9,5922	0,8567	1,2690 *n*	9,2833 *n*	9,3393	+ 0,03
31	9,6093	0,8616	1,2618 *n*	0,5629 *n*	9,3905	+ 0,03
Apr. 10	9,6269	0,8700	1,2415 *n*	0,8446 *n*	9,4362	+ 0,03
20	9,6458	0,8812	1,2068 *n*	1,0046 *n*	9,4776	+ 0,03
30	9,6664	0,8938	1,1556 *n*	1,1112 *n*	9,5154	+ 0,03
Maj. 10	9,6886	0,9066	1,0836 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7122	0,9185	0,9825 *n*	1,2390 *n*	9,5824	+ 0,02
30	9,7367	0,9285	0,8343 *n*	1,2750 *n*	9,6123	+ 0,03
Jun. 9	9,7613	0,9358	0,5877 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,7855	0,9401	9,9090 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8085	0,9412	0,3554	1,3033 *n*	9,6915	+ 0,03
Jul. 9	9,8299	0,9392	0,7228	1,2882 *n*	9,7150	+ 0,03
19	9,8493	0,9345	0,9113	1,2601 *n*	9,7373	+ 0,03
29	9,8666	0,9276	1,0336	1,2169 *n*	9,7585	+ 0,03
Aug. 8	9,8816	0,9196	1,1194	1,1552 *n*	9,7787	+ 0,03
18	9,8945	0,9113	1,1808	1,0684 *n*	9,7980	+ 0,03
28	9,9055	0,9039	1,2239	0,9434 *n*	9,8164	+ 0,03
Sept. 7	9,9149	0,8986	1,2519	0,7471 *n*	9,8342	+ 0,03
17	9,9234	0,8962	1,2664	0,3461 *n*	9,8512	+ 0,02
27	9,9313	0,8974	1,2682	0,0903	9,8676	+ 0,02
Oct. 7	9,9392	0,9021	1,2572	0,6688	9,8834	+ 0,02
17	9,9476	0,9101	1,2324	0,9020	9,8986	+ 0,02
27	9,9570	0,9204	1,1919	1,0443	9,9134	+ 0,02
Nov. 6	9,9675	0,9319	1,1322	1,1414	9,9276	+ 0,02
16	9,9792	0,9433	1,0467	1,2099	9,9414	+ 0,01
26	9,9919	0,9535	0,9221	1,2574	9,9547	+ 0,02
Dec. 6	0,0055	0,9614	0,7253	1,2880	9,9677	+ 0,02
16	0,0194	0,9663	0,3208	1,3038	9,9803	+ 0,02
26	0,0331	0,9679	0,0778 *n*	1,3056	9,9925	+ 0,02
36	0,0463	0,9661	0,6484 *n*	1,2937	0,0044	+ 0,02

Tabula VIII.

1773.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,0003	0,9671	0,5104 *n*	1,2998	$-\infty$	+ 0,02
10	9,1220	0,9634	0,8073 *n*	1,2790	8,4362	+ 0,02
20	9,2112	0,9569	0,9726 *n*	1,2425	8,7373	+ 0,02
30	9,2787	0,9486	1,0815 *n*	1,1877	8,9134	+ 0,02
Febr. 9	9,3305	0,9395	1,1570 *n*	1,1092	9,0383	+ 0,02
19	9,3709	0,9310	1,2094 *n*	0,9968	9,1352	+ 0,02
Mart. 1	9,4033	0,9242	1,2438 *n*	0,8264	9,2144	+ 0,02
11	9,4302	0,9201	1,2632 *n*	0,5181	9,2813	+ 0,01
21	9,4541	0,9194	1,2690 *n*	9,2832 *n*	9,3393	+ 0,01
31	9,4768	0,9222	1,2618 *n*	0,5629 *n*	9,3905	+ 0,01
Apr. 10	9,5000	0,9282	1,2415 *n*	0,8446 *n*	9,4362	+ 0,01
20	9,5247	0,9366	1,2068 *n*	1,0046 *n*	9,4776	+ 0,01
30	9,5512	0,9464	1,1556 *n*	1,1112 *n*	9,5154	0,00
Maj. 10	9,5796	0,9564	1,0836 *n*	1,1861 *n*	9,5502	0,00
20	9,6093	0,9658	0,9825 *n*	1,2390 *n*	9,5824	0,00
30	9,6398	0,9734	0,8342 *n*	1,2750 *n*	9,6123	+ 0,01
Jun. 9	9,6701	0,9783	0,5876 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,6994	0,9815	9,9089 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7270	0,9812	0,3554	1,3033 *n*	9,6915	+ 0,01
Jul. 9	9,7525	0,9781	0,7228	1,2882 *n*	9,7150	+ 0,01
19	9,7754	0,9725	0,9113	1,2601 *n*	9,7373	+ 0,01
29	9,7956	0,9650	1,0336	1,2169 *n*	9,7585	+ 0,01
Aug. 8	9,8130	0,9562	1,1194	1,1552 *n*	9,7787	+ 0,01
18	9,8279	0,9473	1,1808	1,0684 *n*	9,7980	+ 0,01
28	9,8406	0,9391	1,2239	0,9433 *n*	9,8164	+ 0,01
Sept. 7	9,8514	0,9328	1,2519	0,7471 *n*	9,8342	+ 0,01
17	9,8610	0,9291	1,2664	0,3461 *n*	9,8512	0,00
27	9,8700	0,9288	1,2682	0,0903	9,8676	0,00
Oct. 7	9,8790	0,9318	1,2572	0,6688	9,8834	0,00
17	9,8885	0,9378	1,2324	0,9020	9,8986	0,00
27	9,8991	0,9460	1,1919	1,0443	9,9134	— 0,01
Nov. 6	9,9110	0,9555	1,1322	1,1414	9,9276	— 0,01
16	9,9242	0,9650	1,0467	1,2099	9,9414	— 0,01
26	9,9386	0,9733	0,9221	1,2574	9,9547	— 0,01
Dec. 6	9,9538	0,9796	0,7253	1,2880	9,9677	— 0,01
16	9,9693	0,9830	0,3209	1,3038	9,9803	0,00
26	9,9847	0,9833	0,0778 *n*	1,3056	9,9925	0,00
36	9,9993	0,9802	0,6484 *n*	1,2937	0,0044	0,00

Tabula VIII.

1774.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	8,1425 n	0,9817	0,5103 n	1,2998	$-\infty$	0,00
10	8,2641	0,9763	0,8073 n	1,2790	8,4362	0,00
20	8,6856	0,9692	0,9726 n	1,2425	8,7373	0,00
30	8,8792	0,9597	1,0815 n	1,1877	8,9134	0,00
Febr. 9	8,9988	0,9495	1,1570 n	1,1092	9,0383	0,00
19	9,0812	0,9397	1,2094 n	0,9968	9,1352	0,00
Mart. 1	9,1419	0,9316	1,2438 n	0,8264	9,2144	0,00
11	9,1897	0,9261	1,2632 n	0,5181	9,2813	— 0,01
21	9,2303	0,9239	1,2690 n	9,2831 n	9,3393	— 0,01
31	9,2677	0,9252	1,2618 n	0,5629 n	9,3905	— 0,01
Apr. 10	9,3047	0,9297	1,2415 n	0,8446 n	9,4362	— 0,01
20	9,3427	0,9366	1,2068 n	1,0047 n	9,4776	— 0,01
30	9,3824	0,9449	1,1556 n	1,1112 n	9,5154	— 0,02
Maj. 10	9,4237	0,9537	1,0836 n	1,1861 n	9,5502	— 0,02
20	9,4657	0,9617	0,9825 n	1,2390 n	9,5824	— 0,02
30	9,5076	0,9681	0,8342 n	1,2750 n	9,6123	— 0,02
Jun. 9	9,5482	0,9722	0,5876 n	1,2969 n	9,6404	— 0,02
19	9,5867	0,9736	9,9088 n	1,3061 n	9,6667	— 0,01
29	9,6223	0,9720	0,3554	1,3033 n	9,6915	— 0,01
Jul. 9	9,6545	0,9675	0,7228	1,2882 n	9,7150	— 0,01
19	9,6831	0,9603	0,9113	1,2601 n	9,7373	— 0,01
29	9,7080	0,9512	1,0336	1,2169 n	9,7585	— 0,01
Aug. 8	9,7294	0,9407	1,1194	1,1552 n	9,7787	— 0,01
18	9,7474	0,9300	1,1808	1,0684 n	9,7980	— 0,01
28	9,7627	0,9200	1,2239	0,9433 n	9,8164	— 0,01
Sept. 7	9,7757	0,9118	1,2519	0,7471 n	9,8342	— 0,02
17	9,7873	0,9065	1,2664	0,3461 n	9,8512	— 0,02
27	9,7980	0,9045	1,2682	0,0903	9,8676	— 0,02
Oct. 7	9,8087	0,9062	1,2572	0,6688	9,8834	— 0,02
17	9,8200	0,9110	1,2324	0,9020	9,8986	— 0,02
27	9,8325	0,9183	1,1919	1,0443	9,9134	— 0,02
Nov. 6	9,8464	0,9270	1,1322	1,1414	9,9276	— 0,03
16	9,8619	0,9357	1,0467	1,2099	9,9414	— 0,03
26	9,8786	0,9432	0,9221	1,2574	9,9547	— 0,03
Dec. 6	9,8961	0,9485	0,7253	1,2880	9,9677	— 0,03
16	9,9139	0,9509	0,3209	1,3038	9,9803	— 0,02
26	9,9315	0,9498	0,0777 n	1,3056	9,9925	— 0,02
36	9,9481	0,9451	0,6483 n	1,2937	0,0044	— 0,02

Tabula VIII.

1775.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,0971 *n*	0,9473	0,5103 *n*	1,2998	— ∞	— 0,02
10	8,9663 *n*	0,9405	0,8073 *n*	1,2790	8,4362	— 0,02
20	8,7934 *n*	0,9308	0,9726 *n*	1,2425	8,7373	— 0,02
30	8,5394 *n*	0,9190	1,0815 *n*	1,1877	8,9134	— 0,02
Febr. 9	8,0135 *n*	0,9062	1,1570 *n*	1,1092	9,0383	— 0,02
19	8,0340	0,8939	1,2094 *n*	0,9969	9,1352	— 0,02
Mart. 1	8,4659	0,8833	1,2438 *n*	0,8264	9,2144	— 0,02
11	8,6599	0,8756	1,2632 *n*	0,5181	9,2813	— 0,03
21	8,7868	0,8715	1,2690 *n*	9,2829 *n*	9,3393	— 0,03
31	8,8856	0,8714	1,2618 *n*	0,5629 *n*	9,3905	— 0,03
Apr. 10	8,9714	0,8749	1,2415 *n*	0,8446 *n*	9,4362	— 0,03
20	9,0510	0,8811	1,2068 *n*	1,0047 *n*	9,4776	— 0,03
30	9,1268	0,8891	1,1556 *n*	1,1112 *n*	9,5154	— 0,04
Maj. 10	9,1996	0,8976	1,0836 *n*	1,1861 *n*	9,5502	— 0,04
20	9,2689	0,9052	0,9824 *n*	1,2390 *n*	9,5824	— 0,04
30	9,3338	0,9111	0,8342 *n*	1,2750 *n*	9,6123	— 0,03
Jun. 9	9,3939	0,9144	0,5876 *n*	1,2969 *n*	9,6404	— 0,03
19	9,4484	0,9145	9,9087 *n*	1,3061 *n*	9,6667	— 0,03
29	9,4973	0,9113	0,3555	1,3033 *n*	9,6915	— 0,03
Jul. 9	9,5403	0,9047	0,7228	1,2882 *n*	9,7150	— 0,03
19	9,5777	0,8950	0,9113	1,2601 *n*	9,7373	— 0,03
29	9,6097	0,8829	1,0336	1,2169 *n*	9,7585	— 0,03
Aug. 8	9,6367	0,8691	1,1194	1,1552 *n*	9,7787	— 0,03
18	9,6594	0,8548	1,1808	1,0684 *n*	9,7980	— 0,03
28	9,6785	0,8413	1,2239	0,9433 *n*	9,8164	— 0,03
Sept. 7	9,6947	0,8299	1,2519	0,7471 *n*	9,8342	— 0,03
17	9,7090	0,8218	1,2664	0,3461 *n*	9,8512	— 0,04
27	9,7222	0,8177	1,2682	0,0904	9,8676	— 0,04
Oct. 7	9,7354	0,8181	1,2572	0,6688	9,8834	— 0,04
17	9,7492	0,8224	1,2324	0,9020	9,8986	— 0,04
27	9,7642	0,8297	1,1919	1,0443	9,9134	— 0,04
Nov. 6	9,7809	0,8387	1,1322	1,1414	9,9276	— 0,04
16	9,7992	0,8479	1,0467	1,2099	9,9414	— 0,04
26	9,8188	0,8556	0,9221	1,2574	9,9547	— 0,04
Dec. 6	9,8392	0,8607	0,7253	1,2880	9,9677	— 0,04
16	9,8599	0,8621	0,3209	1,3038	9,9803	— 0,04
26	9,8800	0,8593	0,0776 *n*	1,3056	9,9925	— 0,04
36	9,8990	0,8521	0,6483 *n*	1,2937	0,0044	— 0,04

Tabula VIII.

1776.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,3427 *n*	0,8553	0,5103 *n*	1,2998	$-\infty$	$-0''$,04
11	9,2719 *n*	0,8454	0,8073 *n*	1,2790	8,4362	— 0,04
21	9,1932 *n*	0,8318	0,9726 *n*	1,2425	8,7373	— 0,04
31	9,1067 *n*	0,8154	1,0815 *n*	1,1877	8,9134	— 0,04
Febr. 10	9,0125 *n*	0,7976	1,1570 *n*	1,1092	9,0383	— 0,04
20	8,9093 *n*	0,7800	1,2094 *n*	0,9969	9,1352	— 0,04
Mart. 1	8,7930 *n*	0,7644	1,2438 *n*	0,8265	9,2144	— 0,04
11	8,6528 *n*	0,7525	1,2632 *n*	0,5181	9,2813	— 0,04
21	8,4591 *n*	0,7453	1,2690 *n*	9,2828 *n*	9,3393	— 0,04
31	8,0959 *n*	0,7434	1,2618 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	7,6994	0,7464	1,2415 *n*	0,8446 *n*	9,4362	— 0,05
20	8,3893	0,7531	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,6690	0,7622	1,1556 *n*	1,1112 *n*	9,5154	— 0,05
Maj. 10	8,8561	0,7718	1,0836 *n*	1,1861 *n*	9,5502	— 0,05
20	8,9995	0,7805	0,9824 *n*	1,2390 *n*	9,5824	— 0,05
30	9,1159	0,7868	0,8342 *n*	1,2750 *n*	9,6123	— 0,05
Jun. 9	9,2129	0,7897	0,5876 *n*	1,2969 *n*	9,6404	— 0,05
19	9,2948	0,7884	9,9086 *n*	1,3061 *n*	9,6667	— 0,05
29	9,3642	0,7826	0,3555	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,4229	0,7722	0,7228	1,2882 *n*	9,7150	— 0,05
19	9,4724	0,7575	0,9113	1,2601 *n*	9,7373	— 0,04
29	9,5138	0,7391	1,0336	1,2169 *n*	9,7585	— 0,04
Aug. 8	9,5482	0,7182	1,1194	1,1552 *n*	9,7787	— 0,04
18	9,5768	0,6961	1,1808	1,0684 *n*	9,7980	— 0,05
28	9,6006	0,6747	1,2239	0,9433 *n*	9,8164	— 0,05
Sept. 7	9,6207	0,6560	1,2519	0,7471 *n*	9,8342	— 0,05
17	9,6384	0,6419	1,2664	0,3461 *n*	9,8512	— 0,05
27	9,6547	0,6339	1,2682	0,0904	9,8676	— 0,05
Oct. 7	9,6708	0,6325	1,2572	0,6688	9,8834	— 0,05
17	9,6875	0,6373	1,2324	0,9020	9,8986	— 0,05
27	9,7055	0,6467	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7252	0,6586	1,1322	1,1414	9,9276	— 0,06
16	9,7466	0,6707	1,0467	1,2099	9,9414	— 0,06
26	9,7693	0,6806	0,9221	1,2574	9,9547	— 0,06
Dec. 6	9,7927	0,6866	0,7253	1,2880	9,9677	— 0,05
16	9,8162	0,6872	0,3210	1,3038	9,9803	— 0,05
26	9,8389	0,6815	0,0776 *n*	1,3056	9,9925	— 0,05
36	9,8603	0,6690	0,6483 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1777.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,4595 n	0,6745	0,5103 n	1,2998	$-\infty$	—0,05
10	9,4049 n	0,6579	0,8073 n	1,2790	8,4362	—0,05
20	9,3467 n	0,6350	0,9726 n	1,2425	8,7373	—0,05
30	9,2859 n	0,6072	1,0815 n	1,1877	8,9134	—0,05
Febr. 9	9,2236 n	0,5762	1,1570 n	1,1092	9,0383	—0,05
19	9,1604 n	0,5446	1,2094 n	0,9969	9,1352	—0,05
Mart. 1	9,0959 n	0,5154	1,2438 n	0,8265	9,2144	—0,05
11	9,0282 n	0,4919	1,2632 n	0,5182	9,2813	—0,05
21	8,9524 n	0,4766	1,2690 n	9,2827 n	9,3393	—0,05
31	8,8598 n	0,4709	1,2618 n	0,5629 n	9,3905	—0,06
Apr. 10	8,7326 n	0,4743	1,2415 n	0,8446 n	9,4362	—0,06
20	8,5263 n	0,4848	1,2068 n	1,0047 n	9,4776	—0,06
30	8,0214 n	0,4995	1,1556 n	1,1112 n	9,5154	—0,06
Maj. 10	8,1918	0,5151	1,0836 n	1,1861 n	9,5502	—0,06
20	8,6490	0,5289	0,9824 n	1,2390 n	9,5824	—0,06
30	8,8819	0,5384	0,8342 n	1,2750 n	9,6123	—0,06
Jun. 9	9,0407	0,5419	0,5876 n	1,2969 n	9,6404	—0,06
19	9,1604	0,5380	9,9085 n	1,3061 n	9,6667	—0,06
29	9,2547	0,5260	0,3555	1,3033 n	9,6915	—0,06
Jul. 9	9,3308	0,5053	0,7228	1,2882 n	9,7150	—0,05
19	9,3929	0,4759	0,9113	1,2601 n	9,7373	—0,05
29	9,4436	0,4382	1,0336	1,2169 n	9,7585	—0,05
Aug. 8	9,4849	0,3932	1,1194	1,1552 n	9,7787	—0,05
18	9,5193	0,3429	1,1808	1,0684 n	9,7980	—0,05
28	9,5476	0,2905	1,2239	0,9433 n	9,8164	—0,05
Sept. 7	9,5714	0,2410	1,2519	0,7471 n	9,8342	—0,06
17	9,5923	0,2005	1,2664	0,3461 n	9,8512	—0,06
27	9,6114	0,1750	1,2682	0,0904	9,8676	—0,06
Oct. 7	9,6301	0,1680	1,2572	0,6688	9,8834	—0,06
17	9,6494	0,1788	1,2324	0,9020	9,8986	—0,06
27	9,6700	0,2026	1,1919	1,0443	9,9134	—0,06
Nov. 6	9,6922	0,2326	1,1322	1,1414	9,9276	—0,06
16	9,7160	0,2619	1,0467	1,2099	9,9414	—0,06
26	9,7411	0,2851	0,9221	1,2574	9,9547	—0,06
Dec. 6	9,7668	0,2979	0,7254	1,2880	9,9677	—0,06
16	9,7924	0,2975	0,3210	1,3038	9,9803	—0,06
26	9,8170	0,2814	0,0775 n	1,3056	9,9925	—0,06
36	9,8401	0,2474	0,6483 n	1,2937	0,0044	—0,06

Tabula VIII.

1778.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						$''$
Jan. 0	9,5070 n	0,2624	0,5102 n	1,2998	$-\infty$	—0,06
10	9,4569 n	0,2161	0,8072 n	1,2790	8,4362	—0,06
20	9,4039 n	0,1475	0,9726 n	1,2425	8,7373	—0,06
30	9,3491 n	0,0528	1,0814 n	1,1877	8,9134	—0,06
Febr. 9	9,2935 n	9,9260	1,1570 n	1,1092	9,0383	—0,06
19	9,2378 n	9,7572	1,2094 n	0,9969	9,1352	—0,06
Mart. 1	9,1816 n	9,5284	1,2438 n	0,8265	9,2144	—0,06
11	9,1234 n	9,2001	1,2632 n	0,5182	9,2813	—0,06
21	9,0598 n	8,6541	1,2690 n	9,2826 n	9,3393	—0,06
31	8,8947 n	5,0993 n	1,2618 n	0,5629 n	9,3905	—0,06
Apr. 10	8,8871 n	8,2460	1,2415 n	0,8446 n	9,4362	—0,06
20	8,7456 n	8,9316	1,2068 n	1,0047 n	9,4776	—0,06
30	8,4985 n	9,2685	1,1556 n	1,1112 n	9,5154	—0,06
Maj. 10	7,6511 n	9,4729	1,0836 n	1,1861 n	9,5502	—0,06
20	8,4078	9,6000	0,9824 n	1,2390 n	9,5824	—0,06
30	8,7652	9,6708	0,8342 n	1,2750 n	9,6123	—0,06
Jun. 9	8,9680	9,6921	0,5876 n	1,2969 n	9,6404	—0,06
19	9,1098	9,6604	9,9084 n	1,3061 n	9,6667	—0,06
29	9,2172	9,5561	0,3556	1,3033 n	9,6915	—0,06
Jul. 9	9,3018	9,3026	0,7228	1,2882 n	9,7150	—0,06
19	9,3697	8,0613 n	0,9114	1,2601 n	9,7373	—0,06
29	9,4248	9,4199 n	1,0336	1,2169 n	9,7585	—0,06
Aug. 8	9,4697	9,7287 n	1,1194	1,1552 n	9,7787	—0,05
18	9,5064	9,9075 n	1,1808	1,0684 n	9,7980	—0,05
28	9,5368	0,0254 n	1,2239	0,9433 n	9,8164	—0,06
Sept. 7	9,5625	0,1045 n	1,2519	0,7471 n	9,8342	—0,06
17	9,5849	0,1549 n	1,2664	0,3460 n	9,8512	—0,06
27	9,6055	0,1819 n	1,2682	0,0904	9,8676	—0,06
Oct. 7	9,6255	0,1889 n	1,2572	0,6688	9,8834	—0,06
17	9,6460	0,1786 n	1,2324	0,9020	9,8986	—0,06
27	9,6677	0,1534 n	1,1919	1,0443	9,9134	—0,06
Nov. 6	9,6909	0,1172 n	1,1322	1,1414	9,9276	—0,06
16	9,7157	0,0756 n	1,0467	1,2099	9,9414	—0,06
26	9,7416	0,0373 n	0,9221	1,2574	9,9547	—0,06
Dec. 6	9,7681	0,0133 n	0,7254	1,2880	9,9677	—0,06
16	9,7943	0,0137 n	0,3211	1,3038	9,9803	—0,06
26	9,8195	0,0426 n	0,0774 n	1,3056	9,9925	—0,06
36	9,8431	0,0953 n	0,6483 n	1,2937	0,0044	—0,06

Tabula VIII.

1779.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,5010 n	0,0733 n	0,5102 n	1,2998	$-\infty$	— 0,06
10	9,4485 n	0,1360 n	0,8072 n	1,2790	8,4362	— 0,05
20	9,3927 n	0,2057 n	0,9726 n	1,2425	8,7373	— 0,05
30	9,3343 n	0,2739 n	1,0814 n	1,1877	8,9134	— 0,05
Febr. 9	9,2743 n	0,3350 n	1,1570 n	1,1093	9,0383	— 0,05
19	9,2131 n	0,3859 n	1,2094 n	0,9969	9,1352	— 0,05
Mart. 1	9,1503 n	0,4253 n	1,2438 n	0,8265	9,2144	— 0,05
11	9,0838 n	0,4531 n	1,2632 n	0,5182	9,2813	— 0,06
21	9,0093 n	0,4696 n	1,2690 n	9,2825 n	9,3393	— 0,06
31	8,9185 n	0,4757 n	1,2618 n	0,5629 n	9,3905	— 0,06
Apr. 10	8,7957 n	0,4725 n	1,2415 n	0,8446 n	9,4362	— 0,06
20	8,6022 n	0,4619 n	1,2068 n	1,0047 n	9,4776	— 0,06
30	8,1727 n	0,4459 n	1,1556 n	1,1112 n	9,5154	— 0,06
Maj. 10	8,1210	0,4275 n	1,0836 n	1,1861 n	9,5502	— 0,06
20	8,6460	0,4099 n	0,9824 n	1,2390 n	9,5824	— 0,06
30	8,8917	0,3969 n	0,8342 n	1,2750 n	9,6123	— 0,06
Jun. 9	9,0554	0,3918 n	0,5875 n	1,2969 n	9,6404	— 0,06
19	9,1775	0,3969 n	9,9083 n	1,3061 n	9,6667	— 0,06
29	9,2732	0,4126 n	0,3556	1,3033 n	9,6915	— 0,05
Jul. 9	9,3504	0,4376 n	0,7229	1,2882 n	9,7150	— 0,05
19	9,4133	0,4691 n	0,9114	1,2601 n	9,7373	— 0,05
29	9,4648	0,5037 n	1,0336	1,2169 n	9,7585	— 0,05
Aug. 8	9,5073	0,5385 n	1,1194	1,1552 n	9,7787	— 0,05
18	9,5423	0,5706 n	1,1808	1,0684 n	9,7980	— 0,05
28	9,5715	0,5983 n	1,2239	0,9433 n	9,8164	— 0,05
Sept. 7	9,5963	0,6201 n	1,2519	0,7471 n	9,8342	— 0,05
17	9,6182	0,6353 n	1,2664	0,3460 n	9,8512	— 0,05
27	9,6382	0,6437 n	1,2682	0,0904	9,8676	— 0,05
Oct. 7	9,6577	0,6453 n	1,2572	0,6688	9,8834	— 0,06
17	9,6777	0,6408 n	1,2324	0,9020	9,8986	— 0,06
27	9,6987	0,6314 n	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7212	0,6188 n	1,1322	1,1414	9,9276	— 0,06
16	9,7451	0,6051 n	1,0467	1,2099	9,9414	— 0,06
26	9,7701	0,5931 n	0,9221	1,2574	9,9547	— 0,06
Dec. 6	9,7955	0,5854 n	0,7254	1,2880	9,9677	— 0,05
16	9,8208	0,5844 n	0,3211	1,3038	9,9803	— 0,05
26	9,8452	0,5912 n	0,0774 n	1,3056	9,9925	— 0,05
36	9,8680	0,6057 n	0,6483 n	1,2937	0,0044	— 0,05

Tabula VIII.

1780.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 1	9,4412 n	0,5994 n	0,5102 n	1,2998	$-\infty$	— 0,05
11	9,3788 n	0,6180 n	0,8072 n	1,2790	8,4362	— 0,05
21	9,3104 n	0,6412 n	0,9726 n	1,2425	8,7373	— 0,05
31	9,2365 n	0,6664 n	1,0814 n	1,1877	8,9134	— 0,05
Febr. 10	9,1571 n	0,6912 n	1,1570 n	1,1093	9,0383	— 0,04
20	9,0718 n	0,7134 n	1,2094 n	0,9969	9,1352	— 0,05
Mart. 1	8,9780 n	0,7314 n	1,2438 n	0,8265	9,2144	— 0,05
11	8,8697 n	0,7445 n	1,2632 n	0,5182	9,2813	— 0,05
21	8,7329 n	0,7520 n	1,2690 n	9,2823 n	9,3393	— 0,05
31	8,5303 n	0,7543 n	1,2618 n	0,5629 n	9,3905	— 0,05
Apr. 10	8,1000 n	0,7517 n	1,2415 n	0,8446 n	9,4362	— 0,05
20	8,0320	0,7451 n	1,2068 n	1,0047 n	9,4776	— 0,05
30	8,5657	0,7358 n	1,1556 n	1,1112 n	9,5154	— 0,05
Maj. 10	8,8180	0,7254 n	1,0836 n	1,1861 n	9,5502	— 0,05
20	8,9898	0,7155 n	0,9824 n	1,2390 n	9,5824	— 0,05
30	9,1213	0,7080 n	0,8342 n	1,2750 n	9,6123	— 0,05
Jun. 9	9,2273	0,7043 n	0,5875 n	1,2969 n	9,6404	— 0,05
19	9,3149	0,7056 n	9,9082 n	1,3061 n	9,6667	— 0,05
29	9,3882	0,7122 n	0,3556	1,3033 n	9,6915	— 0,04
Jul. 9	9,4499	0,7237 n	0,7229	1,2882 n	9,7150	— 0,04
19	9,5018	0,7391 n	0,9114	1,2601 n	9,7373	— 0,04
29	9,5454	0,7570 n	1,0336	1,2169 n	9,7585	— 0,04
Aug. 8	9,5819	0,7756 n	1,1194	1,1551 n	9,7787	— 0,04
18	9,6124	0,7934 n	1,1808	1,0684 n	9,7980	— 0,04
28	9,6383	0,8092 n	1,2239	0,9433 n	9,8164	— 0,04
Sept. 7	9,6604	0,8217 n	1,2519	0,7471 n	9,8342	— 0,04
17	9,6800	0,8303 n	1,2664	0,3460 n	9,8512	— 0,04
27	9,6982	0,8346 n	1,2682	0,0904	9,8676	— 0,04
Oct. 7	9,7159	0,8346 n	1,2572	0,6688	9,8834	— 0,04
17	9,7340	0,8307 n	1,2324	0,9020	9,8986	— 0,04
27	9,7532	0,8236 n	1,1919	1,0443	9,9134	— 0,04
Nov. 6	9,7736	0,8144 n	1,1322	1,1414	9,9276	— 0,04
16	9,7954	0,8046 n	1,0467	1,2099	9,9414	— 0,04
26	9,8182	0,7958 n	0,9222	1,2574	9,9547	— 0,04
Dec. 6	9,8416	0,7898 n	0,7254	1,2880	9,9677	— 0,04
16	9,8648	0,7880 n	0,3211	1,3038	9,9803	— 0,04
26	9,8873	0,7910 n	0,0773 n	1,3056	9,9925	— 0,04
36	9,9085	0,7989 n	0,6482 n	1,2937	0,0044	— 0,04

Tabula VIII.

1781.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,3104 n	0,7954 n	0,5102 n	1,2998	$-\infty$	—0,04
10	9,2218 n	0,8061 n	0,8072 n	1,2790	8,4362	—0,03
20	9,1175 n	0,8201 n	0,9726 n	1,2425	8,7373	—0,03
30	8,9927 n	0,8358 n	1,0814 n	1,1877	8,9134	—0,03
Febr. 9	8,8379 n	0,8516 n	1,1570 n	1,1093	9,0383	—0,03
19	8,6283 n	0,8659 n	1,2094 n	0,9969	9,1352	—0,03
Mart. 1	8,2758 n	0,8776 n	1,2438 n	0,8265	9,2144	—0,03
11	7,4474	0,8859 n	1,2632 n	0,5182	9,2813	—0,03
21	8,3715	0,8903 n	1,2690 n	9,2822 n	9,3393	—0,03
31	8,6471	0,8909 n	1,2618 n	0,5629 n	9,3905	—0,04
Apr. 10	8,8220	0,8879 n	1,2415 n	0,8446 n	9,4362	—0,04
20	8,8564	0,8820 n	1,2068 n	1,0047 n	9,4776	—0,04
30	9,0685	0,8741 n	1,1556 n	1,1112 n	9,5154	—0,04
Maj. 10	9,1666	0,8653 n	1,0836 n	1,1861 n	9,5502	—0,04
20	9,2536	0,8570 n	0,9824 n	1,2390 n	9,5824	—0,04
30	9,3315	0,8503 n	0,8342 n	1,2750 n	9,6123	—0,03
Jun. 9	9,4009	0,8464 n	0,5875 n	1,2969 n	9,6404	—0,03
19	9,4625	0,8460 n	9,9081 n	1,3061 n	9,6667	—0,03
29	9,5168	0,8496 n	0,3557	1,3033 n	9,6915	—0,03
Jul. 9	9,5642	0,8567 n	0,7229	1,2882 n	9,7150	—0,03
19	9,6053	0,8669 n	0,9114	1,2601 n	9,7373	—0,03
29	9,6406	0,8790 n	1,0336	1,2169 n	9,7585	—0,02
Aug. 8	9,6707	0,8920 n	1,1194	1,1551 n	9,7787	—0,02
18	9,6963	0,9045 n	1,1808	1,0684 n	9,7980	—0,02
28	9,7181	0,9156 n	1,2239	0,9433 n	9,8164	—0,02
Sept. 7	9,7371	0,9243 n	1,2519	0,7470 n	9,8342	—0,02
17	9,7541	0,9300 n	1,2664	0,3460 n	9,8512	—0,03
27	9,7699	0,9324 n	1,2682	0,0904	9,8676	—0,03
Oct. 7	9,7853	0,9312 n	1,2572	0,6688	9,8834	—0,03
17	9,8012	0,9269 n	1,2324	0,9020	9,8986	—0,03
27	9,8180	0,9201 n	1,1919	1,0443	9,9134	—0,03
Nov. 6	9,8360	0,9115 n	1,1322	1,1414	9,9276	—0,03
16	9,8553	0,9025 n	1,0467	1,2099	9,9414	—0,03
26	9,8755	0,8942 n	0,9222	1,2574	9,9547	—0,03
Dec. 6	9,8963	0,8882 n	0,7254	1,2880	9,9677	—0,02
16	9,9171	0,8854 n	0,3212	1,3038	9,9803	—0,02
26	9,9374	0,8865 n	0,0772 n	1,3056	9,9925	—0,02
36	9,9566	0,8916 n	0,6482 n	1,2937	0,0044	—0,02

Tabula VIII.

1782.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						$''$
Jan. 0	9,0404 n	0,8892 n	0,5101 n	1,2998	$-\infty$	— 0,02
10	8,8547 n	0,8966 n	0,8072 n	1,2790	8,4362	— 0,02
20	8,5501 n	0,9067 n	0,9726 n	1,2425	8,7373	— 0,02
30	7,3606 n	0,9184 n	1,0814 n	1,1877	8,9134	— 0,01
Febr. 9	8,4421	0,9303 n	1,1570 n	1,1093	9,0383	— 0,01
19	8,7362	0,9411 n	1,2094 n	0,9969	9,1352	— 0,01
Mart. 1	8,8951	0,9498 n	1,2438 n	0,8265	9,2144	— 0,01
11	9,0028	0,9556 n	1,2632 n	0,5182	9,2813	— 0,02
21	9,0857	0,9583 n	1,2690 n	9,2821 n	9,3393	— 0,02
31	9,1556	0,9576 n	1,2618 n	0,5629 n	9,3905	— 0,02
Apr. 10	9,2188	0,9538 n	1,2415 n	0,8446 n	9,4362	— 0,02
20	9,2786	0,9476 n	1,2068 n	1,0047 n	9,4776	— 0,02
30	9,3365	0,9396 n	1,1556 n	1,1112 n	9,5154	— 0,02
Maj. 10	9,3928	0,9308 n	1,0836 n	1,1861 n	9,5502	— 0,02
20	9,4472	0,9223 n	0,9824 n	1,2390 n	9,5824	— 0,02
30	9,4991	0,9153 n	0,8342 n	1,2750 n	9,6123	— 0,02
Jun. 9	9,5479	0,9106 n	0,5875 n	1,2969 n	9,6404	— 0,01
19	9,5931	0,9090 n	9,9080 n	1,3061 n	9,6667	— 0,01
29	9,6343	0,9107 n	0,3557	1,3033 n	9,6915	— 0,01
Jul. 9	9,6713	0,9156 n	0,7229	1,2882 n	9,7150	— 0,01
19	9,7040	0,9232 n	0,9114	1,2601 n	9,7373	— 0,01
29	9,7326	0,9326 n	1,0337	1,2169 n	9,7585	— 0,01
Aug. 8	9,7574	0,9428 n	1,1194	1,1551 n	9,7787	0,00
18	9,7786	0,9528 n	1,1808	1,0683 n	9,7980	0,00
28	9,7970	0,9615 n	1,2239	0,9433 n	9,8164	0,00
Sept. 7	9,8131	0,9682 n	1,2519	0,7470 n	9,8342	— 0,01
17	9,8276	0,9721 n	1,2664	0,3460 n	9,8512	— 0,01
27	9,8411	0,9730 n	1,2682	0,0905	9,8676	— 0,01
Oct. 7	9,8544	0,9708 n	1,2572	0,6688	9,8834	— 0,01
17	9,8681	0,9657 n	1,2324	0,9020	9,8986	— 0,01
27	9,8827	0,9582 n	1,1919	1,0443	9,9134	— 0,01
Nov. 6	9,8984	0,9491 n	1,1322	1,1414	9,9276	— 0,01
16	9,9153	0,9395 n	1,0467	1,2099	9,9414	— 0,01
26	9,9331	0,9306 n	0,9222	1,2574	9,9547	— 0,01
Dec. 6	9,9515	0,9237 n	0,7254	1,2880	9,9677	— 0,01
16	9,9700	0,9198 n	0,3212	1,3038	9,9803	0,00
26	9,9880	0,9194 n	0,0772 n	1,3056	9,9925	0,00
36	0,0052	0,9228 n	0,6482 n	1,2937	0,0044	0,00

Tabula VIII.

1783.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	7,4172 *n*	0,9211 *n*	0,5101 *n*	1,2998	$-\infty$	0″,00
10	8,5536	0,9266 *n*	0,8072 *n*	1,2790	8,4362	0,00
20	8,8574	0,9347 *n*	0,9726 *n*	1,2425	8,7373	0,00
30	9,0228	0,9444 *n*	1,0814 *n*	1,1877	8,9134	0,00
Febr. 9	9,1320	0,9543 *n*	1,1570 *n*	1,1093	9,0383	0,00
19	9,2107	0,9633 *n*	1,2094 *n*	0,9969	9,1352	0,00
Mart. 1	9,2711	0,9704 *n*	1,2438 *n*	0,8265	9,2144	0,00
11	9,3200	0,9747 *n*	1,2632 *n*	0,5182	9,2813	0,00
21	9,3621	0,9760 *n*	1,2690 *n*	9,2820 *n*	9,3393	0,00
31	9,4007	0,9741 *n*	1,2618 *n*	0,5629 *n*	9,3905	0,00
Apr. 10	9,4379	0,9693 *n*	1,2415 *n*	0,8446 *n*	9,4362	0,00
20	9,4752	0,9620 *n*	1,2068 *n*	1,0047 *n*	9,4776	0,00
30	9,5130	0,9530 *n*	1,1556 *n*	1,1112 *n*	9,5154	0,00
Maj. 10	9,5514	0,9431 *n*	1,0836 *n*	1,1861 *n*	9,5502	0,00
20	9,5899	0,9336 *n*	0,9824 *n*	1,2390 *n*	9,5824	0,00
30	9,6280	0,9254 *n*	0,8342 *n*	1,2750 *n*	9,6123	0,00
Jun. 9	9,6649	0,9194 *n*	0,5875 *n*	1,2969 *n*	9,6404	0,00
19	9,6999	0,9164 *n*	9,9079 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7324	0,9167 *n*	0,3557	1,3033 *n*	9,6915	+ 0,01
Jul. 9	9,7622	0,9201 *n*	0,7229	1,2882 *n*	9,7150	+ 0,01
19	9,7889	0,9262 *n*	0,9114	1,2601 *n*	9,7373	+ 0,01
29	9,8126	0,9342 *n*	1,0337	1,2169 *n*	9,7585	+ 0,01
Aug. 8	9,8333	0,9431 *n*	1,1194	1,1551 *n*	9,7787	+ 0,01
18	9,8512	0,9518 *n*	1,1808	1,0683 *n*	9,7980	+ 0,01
28	9,8668	0,9592 *n*	1,2239	0,9433 *n*	9,8164	+ 0,01
Sept. 7	9,8805	0,9647 *n*	1,2519	0,7470 *n*	9,8342	+ 0,01
17	9,8929	0,9674 *n*	1,2664	0,3460 *n*	9,8512	+ 0,01
27	9,9046	0,9671 *n*	1,2682	0,0905	9,8676	+ 0,01
Oct. 7	9,9161	0,9636 *n*	1,2572	0,6688	9,8834	+ 0,01
17	9,9280	0,9571 *n*	1,2324	0,9020	9,8986	+ 0,01
27	9,9407	0,9481 *n*	1,1919	1,0443	9,9134	+ 0,01
Nov. 6	9,9544	0,9375 *n*	1,1322	1,1414	9,9276	+ 0,01
16	9,9692	0,9263 *n*	1,0467	1,2099	9,9414	+ 0,01
26	9,9850	0,9157 *n*	0,9222	1,2574	9,9547	+ 0,01
Dec. 6	0,0013	0,9071 *n*	0,7254	1,2880	9,9677	+ 0,01
16	0,0177	0,9016 *n*	0,3212	1,3038	9,9803	+ 0,01
26	0,0339	0,8998 *n*	0,0771 *n*	1,3056	9,9925	+ 0,02
36	0,0493	0,9019 *n*	0,6482 *n*	1,2937	0,0044	+ 0,02

Tabula VIII.

1784.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	9,0243	0,9006 *n*	0,5101 *n*	1,2998	$-\infty$	+ 0,02
11	9,1584	0,9049 *n*	0,8072 *n*	1,2790	8,4362	+ 0,02
21	9,2556	0,9121 *n*	0,9726 *n*	1,2425	8,7373	+ 0,02
31	9,3291	0,9209 *n*	1,0814 *n*	1,1877	8,9134	+ 0,02
Febr. 10	9,3862	0,9300 *n*	1,1570 *n*	1,1093	9,0383	+ 0,02
20	9,4315	0,9382 *n*	1,2094 *n*	0,9969	9,1352	+ 0,02
Mart. 1	9,4686	0,9444 *n*	1,2438 *n*	0,8265	9,2144	+ 0,02
11	9,5000	0,9477 *n*	1,2632 *n*	0,5182	9,2813	+ 0,02
21	9,5280	0,9478 *n*	1,2690 *n*	9,2819 *n*	9,3393	+ 0,02
31	9,5545	0,9445 *n*	1,2618 *n*	0,5629 *n*	9,3905	+ 0,02
Apr. 10	9,5807	0,9380 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,02
20	9,6076	0,9288 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,02
30	9,6356	0,9177 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,02
Maj. 10	9,6646	0,9057 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,02
20	9,6944	0,8938 *n*	0,9824 *n*	1,2390 *n*	9,5824	+ 0,02
30	9,7244	0,8833 *n*	0,8342 *n*	1,2750 *n*	9,6123	+ 0,02
Jun. 9	9,7540	0,8752 *n*	0,5874 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7825	0,8704 *n*	9,9078 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,8094	0,8692 *n*	0,3558	1,3033 *n*	9,6915	+ 0,03
Jul. 9	9,8343	0,8715 *n*	0,7229	1,2882 *n*	9,7150	+ 0,03
19	9,8569	0,8769 *n*	0,9114	1,2601 *n*	9,7373	+ 0,03
29	9,8770	0,8844 *n*	1,0337	1,2169 *n*	9,7585	+ 0,03
Aug. 8	9,8948	0,8929 *n*	1,1194	1,1551 *n*	9,7787	+ 0,03
18	9,9102	0,9013 *n*	1,1808	1,0683 *n*	9,7980	+ 0,03
28	9,9237	0,9083 *n*	1,2239	0,9433 *n*	9,8164	+ 0,03
Sept. 7	9,9356	0,9130 *n*	1,2519	0,7470 *n*	9,8342	+ 0,03
17	9,9463	0,9148 *n*	1,2664	0,3460 *n*	9,8512	+ 0,03
27	9,9565	0,9131 *n*	1,2682	0,0905	9,8676	+ 0,03
Oct. 7	9,9666	0,9078 *n*	1,2572	0,6688	9,8834	+ 0,03
17	9,9770	0,8991 *n*	1,2324	0,9020	9,8986	+ 0,03
27	9,9882	0,8874 *n*	1,1919	1,0443	9,9134	+ 0,03
Nov. 6	0,0004	0,8737 *n*	1,1322	1,1414	9,9276	+ 0,03
16	0,0136	0,8592 *n*	1,0467	1,2099	9,9414	+ 0,03
26	0,0276	0,8454 *n*	0,9222	1,2574	9,9547	+ 0,03
Dec. 6	0,0432	0,8337 *n*	0,7254	1,2880	9,9677	+ 0,03
16	0,0571	0,8255 *n*	0,3213	1,3038	9,9803	+ 0,03
26	0,0718	0,8218 *n*	0,0770 *n*	1,3056	9,9925	+ 0,03
36	0,0858	0,8227 *n*	0,6482 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1785.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan, 0	9,3096	0,8218 n	0,5101 n	1,2998	$-\infty$	+ 0,04
10	9,3835	0,8254 n	0,8072 n	1,2790	8,4362	+ 0,04
20	9,4432	0,8325 n	0,9726 n	1,2425	8,7373	+ 0,04
30	9,4917	0,8415 n	1,0814 n	1,1877	8,9134	+ 0,04
Febr. 9	9,5312	0,8510 n	1,1570 n	1,1093	9,0383	+ 0,04
19	9,5636	0,8594 n	1,2094 n	0,9969	9,1352	+ 0,04
Mart. 1	9,5907	0,8654 n	1,2438 n	0,8265	9,2144	+ 0,04
11	9,6141	0,8680 n	1,2632 n	0,5182	9,2813	+ 0,04
21	9,6353	0,8668 n	1,2690 n	9,2817 n	9,3393	+ 0,04
31	9,6557	0,8614 n	1,2618 n	0,5629 n	9,3905	+ 0,04
Apr. 10	9,6761	0,8521 n	1,2415 n	0,8446 n	9,4362	+ 0,04
20	9,6974	0,8394 n	1,2068 n	1,0047 n	9,4776	+ 0,03
30	9,7198	0,8242 n	1,1556 n	1,1113 n	9,5154	+ 0,03
Maj. 10	9,7435	0,8077 n	1,0836 n	1,1861 n	9,5502	+ 0,04
20	9,7681	0,7912 n	0,9824 n	1,2390 n	9,5824	+ 0,04
30	9,7932	0,7762 n	0,8342 n	1,2750 n	9,6123	+ 0,04
Jun. 9	9,8182	0,7642 n	0,5874 n	1,2969 n	9,6404	+ 0,04
19	9,8425	0,7563 n	9,9078 n	1,3061 n	9,6667	+ 0,04
29	9,8657	0,7530 n	0,3558	1,3033 n	9,6915	+ 0,04
Jul. 9	9,8873	0,7544 n	0,7230	1,2882 n	9,7150	+ 0,04
19	9,9071	0,7598 n	0,9114	1,2601 n	9,7373	+ 0,05
29	9,9248	0,7680 n	1,0337	1,2169 n	9,7585	+ 0,05
Aug. 8	9,9404	0,7775 n	1,1194	1,1551 n	9,7787	+ 0,05
18	9,9540	0,7868 n	1,1808	1,0683 n	9,7980	+ 0,05
28	9,9660	0,7945 n	1,2239	0,9433 n	9,8164	+ 0,05
Sept. 7	9,9765	0,7992 n	1,2519	0,7470 n	9,8342	+ 0,05
17	9,9860	0,8001 n	1,2664	0,3459 n	9,8512	+ 0,05
27	9,9950	0,7964 n	1,2682	0,0905	9,8676	+ 0,04
Oct. 7	0,0039	0,7880 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0133	0,7749 n	1,2324	0,9020	9,8986	+ 0,04
27	0,0233	0,7578 n	1,1919	1,0443	9,9134	+ 0,04
Nov. 6	0,0343	0,7376 n	1,1322	1,1414	9,9276	+ 0,04
16	0,0462	0,7160 n	1,0467	1,2099	9,9414	+ 0,04
26	0,0590	0,6949 n	0,9222	1,2574	9,9547	+ 0,04
Dec. 6	0,0724	0,6764 n	0,7255	1,2880	9,9677	+ 0,04
16	0,0861	0,6628 n	0,3213	1,3038	9,9803	+ 0,05
26	0,0995	0,6556 n	0,0770 n	1,3056	9,9925	+ 0,05
36	0,1125	0,6550 n	0,6481 n	1,2937	0,0044	+ 0,05

Tabula VIII.

1786.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
						″
Jan. 0	9,4494	0,6545 *n*	0,5100 *n*	1,2998	— ∞	+ 0,05
10	9,5032	0,6579 *n*	0,8072 *n*	1,2790	8,4362	+ 0,05
20	9,5484	0,6664 *n*	0,9726 *n*	1,2425	8,7373	+ 0,05
30	9,5861	0,6779 *n*	1,0814 *n*	1,1877	8,9134	+ 0,05
Febr. 9	9,6174	0,6900 *n*	1,1570 *n*	1,1093	9,0383	+ 0,05
19	9,6434	0,7006 *n*	1,2094 *n*	0,9969	9,1352	+ 0,05
Mart. 1	9,6654	0,7076 *n*	1,2438 *n*	0,8265	9,2144	+ 0,05
11	9,6845	0,7099 *n*	1,2632 *n*	0,5183	9,2813	+ 0,05
21	9,7020	0,7065 *n*	1,2690 *n*	9,2816 *n*	9,3393	+ 0,05
31	9,7189	0,6972 *n*	1,2618 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7360	0,6820 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7540	0,6614 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7732	0,6366 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,7937	0,6090 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8151	0,5807 *n*	0,9824 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8372	0,5541 *n*	0,8341 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8594	0,5318 *n*	0,5874 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8811	0,5160 *n*	9,9077 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9020	0,5081 *n*	0,3558	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9215	0,5085 *n*	0,7230	1,2882 *n*	9,7150	+ 0,05
19	9,9393	0,5158 *n*	0,9114	1,2601 *n*	9,7373	+ 0,06
29	9,9554	0,5281 *n*	1,0337	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9696	0,5426 *n*	1,1194	1,1551 *n*	9,7787	+ 0,06
18	9,9820	0,5567 *n*	1,1808	1,0683 *n*	9,7980	+ 0,06
28	9,9928	0,5678 *n*	1,2239	0,9433 *n*	9,8164	+ 0,06
Sept. 7	0,0023	0,5741 *n*	1,1519	0,7470 *n*	9,8342	+ 0,06
17	0,0109	0,5738 *n*	1,2664	0,3459 *n*	9,8512	+ 0,05
27	0,0191	0,5660 *n*	1,2682	0,0905	9,8676	+ 0,05
Oct. 7	0,0272	0,5499 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0357	0,5252 *n*	1,2324	0,9020	9,8986	+ 0,05
27	0,0449	0,4924 *n*	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0550	0,4524 *n*	1,1322	1,1414	9,9276	+ 0,05
16	0,0661	0,4074 *n*	1,0467	1,2099	9,9414	+ 0,05
26	0,0780	0,3607 *n*	0,9222	1,2574	9,9547	+ 0,05
Dec. 6	0,0905	0,3173 *n*	0,7255	1,2880	9,9677	+ 0,05
16	0,1033	0,2827 *n*	0,3214	1,3038	9,9803	+ 0,05
26	0,1160	0,2620 *n*	0,0769 *n*	1,3056	9,9925	+ 0,06
36	0,1281	0,2579 *n*	0,6481 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1787.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5177	0,2575 *n*	0,5100 *n*	1,2998	— ∞	+ 0″,06
10	9,5630	0,2631 *n*	0,8071 *n*	1,2790	8,4362	+ 0,06
20	9,6017	0,2813 *n*	0,9726 *n*	1,2425	8,7373	+ 0,06
30	9,6343	0,3062 *n*	1,0814 *n*	1,1877	8,9134	+ 0,06
Febr. 9	9,6615	0,3319 *n*	1,1570 *n*	1,1093	9,0383	+ 0,06
19	9,6842	0,3534 *n*	1,2094 *n*	0,9969	9,1352	+ 0,06
Mart. 1	9,7035	0,3669 *n*	1,2438 *n*	0,8265	9,2144	+ 0,06
11	9,7203	0,3699 *n*	1,2632 *n*	0,5183	9,2813	+ 0,06
21	9,7357	0,3605 *n*	1,2690 *n*	9,2815 *n*	9,3393	+ 0,06
31	9,7506	0,3374 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,06
Apr. 10	9,7658	0,2996 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7820	0,2459 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7994	0,1753 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8180	0,0869 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8377	9,9805 *n*	0,9824 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8581	9,8580 *n*	0,8341 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8787	9,7267 *n*	0,5874 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,8990	9,6052 *n*	9,9076 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9185	9,5262 *n*	0,3559	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9368	9,5188 *n*	0,7230	1,2882 *n*	9,7150	+ 0,06
19	9,9536	9,5770 *n*	0,9114	1,2601 *n*	9,7373	+ 0,06
29	9,9687	9,6666 *n*	1,0337	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9820	9,7571 *n*	1,1194	1,1551 *n*	9,7787	+ 0,06
18	9,9936	9,8322 *n*	1,1808	1,0683 *n*	9,7980	+ 0,06
28	0,0037	9,8845 *n*	1,2239	0,9433 *n*	9,8164	+ 0,06
Sept. 7	0,0126	9,9103 *n*	1,2519	0,7470 *n*	9,8342	+ 0,06
17	0,0206	9,9058 *n*	1,2664	0,3459 *n*	9,8512	+ 0,06
27	0,0282	9,8645 *n*	1,2682	0,0905	9,8676	+ 0,06
Oct. 7	0,0357	9,7724 *n*	1,2572	0,6688	9,8834	+ 0,06
17	0,0437	9,5921 *n*	1,2324	0,9020	9,8986	+ 0,06
27	0,0523	9,1506 *n*	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0619	9,1363	1,1322	1,1414	9,9276	+ 0,05
16	0,0724	9,6239	1,0467	1,2099	9,9414	+ 0,05
26	0,0838	9,8359	0,9222	1,2574	9,9547	+ 0,05
Dec. 6	0,0958	9,9581	0,7255	1,2880	9,9677	+ 0,06
16	0,1081	0,0298	0,3214	1,3038	9,9803	+ 0,06
26	0,1203	0,0659	0,0768 *n*	1,3056	9,9925	+ 0,06
36	0,1320	0,0737	0,6481 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1788.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,5338	0,0737	0,5100 *n*	1,2998	$-\infty$	+ 0″,06
11	9,5763	0,0662	0,8071 *n*	1,2790	8,4362	+ 0,06
21	9,6128	0,0373	0,9725 *n*	1,2425	8,7373	+ 0,06
31	9,6436	9,9910	1,0814 *n*	1,1877	8,9134	+ 0,06
Febr. 10	9,6693	9,9338	1,1570 *n*	1,1093	9,0383	+ 0,06
20	9,6908	9,8764	1,2094 *n*	0,9969	9,1352	+ 0,06
Mart. 1	9,7089	9,8345	1,2438 *n*	0,8265	9,2144	+ 0,06
11	9,7246	9,8255	1,2632 *n*	0,5183	9,2813	+ 0,06
21	9,7390	9,8578	1,2690 *n*	9,2814 *n*	9,3393	+ 0,06
31	9,7530	9,9246	1,2619 *n*	0,5629 *n*	9,3905	+ 0,06
Apr. 10	9,7674	0,0099	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7828	0,0989	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7994	0,1820	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8174	0,2545	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8365	0,3143	0,9824 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8563	0,3612	0,8341 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8764	0,3953	0,5874 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8962	0,4173	9,9075 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9153	0,4281	0,3559	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9332	0,4288	0,7230	1,2882 *n*	9,7150	+ 0,06
19	9,9496	0,4209	0,9114	1,2601 *n*	9,7373	+ 0,06
29	9,9644	0,4061	1,0337	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9774	0,3870	1,1194	1,1551 *n*	9,7787	+ 0,06
18	9,9886	0,3669	1,1808	1,0683 *n*	9,7980	+ 0,06
28	9,9984	0,3499	1,2239	0,9433 *n*	9,8164	+ 0,06
Sept. 7	0,0069	0,3401	1,2519	0,7470 *n*	9,8342	+ 0,06
17	0,0146	0,3412	1,2664	0,3459 *n*	9,8512	+ 0,06
27	0,0219	0,3547	1,2682	0,0905	9,8676	+ 0,06
Oct. 7	0,0291	0,3802	1,2572	0,6688	9,8834	+ 0,05
17	0,0368	0,4145	1,2324	0,9020	9,8986	+ 0,05
27	0,0451	0,4537	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0545	0,4936	1,1322	1,1414	9,9276	+ 0,05
16	0,0648	0,5309	1,0467	1,2099	9,9414	+ 0,05
26	0,0760	0,5629	0,9222	1,2574	9,9547	+ 0,05
Dec. 6	0,0879	0,5880	0,7255	1,2880	9,9677	+ 0,05
16	0,1000	0,6054	0,3214	1,3037	9,9803	+ 0,05
26	0,1121	0,6147	0,0768 *n*	1,3056	9,9925	+ 0,05
36	0,1237	0,6163	0,6481 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1789.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5003	0,6165	0,5100 *n*	1,2998	— ∞	+ 0″,05
10	9,5449	0,6137	0,8071 *n*	1,2790	8,4362	+ 0,06
20	9,5828	0,6050	0,9725 *n*	1,2425	8,7373	+ 0,06
30	9,6146	0,5923	1,0814 *n*	1,1877	8,9134	+ 0,06
Febr. 9	9,6411	0,5778	1,1570 *n*	1,1093	9,0383	+ 0,06
19	9,6630	0,5646	1,2094 *n*	0,9969	9,1352	+ 0,06
Mart. 1	9,6813	0,5555	1,2438 *n*	0,8265	9,2144	+ 0,05
11	9,6972	0,5528	1,2632 *n*	0,5183	9,2813	+ 0,05
21	9,7117	0,5581	1,2690 *n*	9,2812 *n*	9,3393	+ 0,05
31	9,7258	0,5713	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7403	0,5912	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7559	0,6154	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7728	0,6416	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,7912	0,6673	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8108	0,6906	0,9824 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8311	0,7101	0,8341 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8518	0,7249	0,5874 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8722	0,7345	9,9074 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,8918	0,7389	0,3560	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9101	0,7385	0,7230	1,2882 *n*	9,7150	+ 0,05
19	9,9269	0,7337	0,9115	1,2601 *n*	9,7373	+ 0,05
29	9,9420	0,7256	1,0337	1,2169 *n*	9,7585	+ 0,05
Aug. 8	9,9551	0,7156	1,1194	1,1551 *n*	9,7787	+ 0,05
18	9,9666	0,7054	1,1808	1,0683 *n*	9,7980	+ 0,05
28	9,9764	0,6966	1,2239	0,9433 *n*	9,8164	+ 0,05
Sept. 7	9,9849	0,6912	1,2519	0,7470 *n*	9,8342	+ 0,05
17	9,9926	0,6905	1,2664	0,3459 *n*	9,8512	+ 0,05
27	9,9998	0,6956	1,2682	0,0905	9,8676	+ 0,05
Oct. 7	0,0070	0,7062	1,2572	0,6688	9,8834	+ 0,04
17	0,0147	0,7217	1,2324	0,9020	9,8986	+ 0,04
27	0,0231	0,7404	1,1919	1,0443	9,9134	+ 0,04
Nov. 6	0,0325	0,7605	1,1322	1,1414	9,9276	+ 0,04
16	0,0430	0,7801	1,0467	1,2099	9,9414	+ 0,04
26	0,0544	0,7974	0,9222	1,2574	9,9547	+ 0,04
Dec. 6	0,0666	0,8113	0,7255	1,2880	9,9677	+ 0,04
16	0,0790	0,8208	0,3215	1,3037	9,9803	+ 0,04
26	0,0913	0,8255	0,0767 *n*	1,3056	9,9925	+ 0,04
36	0,1032	0,8255	0,6481 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1790.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4073	0,8260	0,5099 *n*	1,2998	$-\infty$	+ 0″,04
10	9,4605	0,8233	0,8071 *n*	1,2790	8,4362	+ 0,05
20	9,5049	0,8170	0,9725 *n*	1,2425	8,7373	+ 0,05
30	9,5416	0,8081	1,0814 *n*	1,1877	8,9134	+ 0,05
Febr. 9	9,5717	0,7983	1,1569 *n*	1,1093	9,0383	+ 0,05
19	9,5963	0,7893	1,2094 *n*	0,9969	9,1352	+ 0,04
Mart. 1	9,6167	0,7827	1,2438 *n*	0,8266	9,2144	+ 0,04
11	9,6342	0,7800	1,2632 *n*	0,5183	9,2813	+ 0,04
21	9,6501	0,7819	1,2690 *n*	9,2811 *n*	9,3393	+ 0,04
31	9,6655	0,7887	1,2619 *n*	0,5629 *n*	9,3905	+ 0,04
Apr. 10	9,6813	0,7996	1,2415 *n*	0,8446 *n*	9,4362	+ 0,04
20	9,6985	0,8136	1,2068 *n*	1,0047 *n*	9,4776	+ 0,03
30	9,7170	0,8292	1,1556 *n*	1,1113 *n*	9,5154	+ 0,03
Maj. 10	9,7372	0,8450	1,0835 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7586	0,8595	0,9824 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,7810	0,8718	0,8341 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8035	0,8810	0,5873 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8257	0,8867	9,9073 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8470	0,8887	0,3560	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8668	0,8873	0,7230	1,2882 *n*	9,7150	+ 0,04
19	9,8849	0,8829	0,9115	1,2601 *n*	9,7373	+ 0,04
29	9,9010	0,8760	1,0337	1,2169 *n*	9,7585	+ 0,04
Aug. 8	9,9150	0,8678	1,1194	1,1551 *n*	9,7787	+ 0,04
18	9,9272	0,8594	1,1808	1,0683 *n*	9,7980	+ 0,04
28	9,9375	0,8521	1,2239	0,9432 *n*	9,8164	+ 0,04
Sept. 7	9,9465	0,8470	1,2519	0,7470 *n*	9,8342	+ 0,04
17	9,9545	0,8453	1,2664	0,3459 *n*	9,8512	+ 0,03
27	9,9620	0,8476	1,2682	0,0906	9,8676	+ 0,03
Oct. 7	9,9695	0,8539	1,2572	0,6688	9,8834	+ 0,03
17	9,9775	0,8637	1,2324	0,9020	9,8986	+ 0,03
27	9,9864	0,8760	1,1919	1,0443	9,9134	+ 0,03
Nov. 6	9,9963	0,8896	1,1322	1,1414	9,9276	+ 0,03
16	0,0074	0,9031	1,0467	1,2099	9,9414	+ 0,02
26	0,0195	0,9151	0,9222	1,2574	9,9547	+ 0,03
Dec. 6	0,0323	0,9245	0,7255	1,2880	9,9677	+ 0,03
16	0,0455	0,9307	0,3215	1,3037	9,9803	+ 0,03
26	0,0585	0,9333	0,0766 *n*	1,3056	9,9925	+ 0,03
36	0,0711	0,9322	0,6481 *n*	1,2937	0,0044	+ 0,03

Tabula VIII.

1791.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,2183	0,9330	0,5099 *n*	1,2998	$-\infty$	+ 0″,03
10	9,2965	0,9297	0,8071 *n*	1,2790	8,4362	+ 0,03
20	9,3587	0,9236	0,9725 *n*	1,2425	8,7373	+ 0,03
30	9,4083	0,9155	1,0814 *n*	1,1877	8,9134	+ 0,03
Febr. 9	9,4476	0,9066	1,1569 *n*	1,1093	9,0383	+ 0,03
19	9,4791	0,8983	1,2094 *n*	0,9969	9,1352	+ 0,03
Mart. 1	9,5048	0,8919	1,2438 *n*	0,8266	9,2144	+ 0,03
11	9,5266	0,8884	1,2632 *n*	0,5183	9,2813	+ 0,02
21	9,5460	0,8886	1,2690 *n*	9,2810 *n*	9,3393	+ 0,02
31	9,5648	0,8926	1,2619 *n*	0,5629 *n*	9,3905	+ 0,02
Apr. 10	9,5840	0,8999	1,2415 *n*	0,8446 *n*	9,4362	+ 0,02
20	9,6046	0,9098	1,2068 *n*	1,0047 *n*	9,4776	+ 0,02
30	9,6270	0,9211	1,1556 *n*	1,1113 *n*	9,5154	+ 0,02
Maj. 10	9,6511	0,9326	1,0835 *n*	1,1861 *n*	9,5502	+ 0,02
20	9,6767	0,9433	0,9824 *n*	1,2391 *n*	9,5824	+ 0,02
30	9,7030	0,9522	0,8341 *n*	1,2751 *n*	9,6123	+ 0,02
Jun. 9	9,7294	0,9587	0,5873 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7552	0,9623	9,9072 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,7798	0,9623	0,3560	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,8025	0,9604	0,7230	1,2882 *n*	9,7150	+ 0,02
19	9,8231	0,9554	0,9115	1,2601 *n*	9,7373	+ 0,02
29	9,8413	0,9484	1,0337	1,2169 *n*	9,7585	+ 0,02
Aug. 8	9,8571	0,9402	1,1194	1,1551 *n*	9,7787	+ 0,02
18	9,8706	0,9318	1,1808	1,0683 *n*	9,7980	+ 0,02
28	9,8821	0,9242	1,2239	0,9432 *n*	9,8164	+ 0,02
Sept. 7	9,8920	0,9186	1,2519	0,7470 *n*	9,8342	+ 0,02
17	9,9008	0,9158	1,2664	0,3459 *n*	9,8512	+ 0,01
27	9,9091	0,9163	1,2682	0,0906	9,8676	+ 0,01
Oct. 7	9,9173	0,9203	1,2572	0,6688	9,8834	+ 0,01
17	9,9261	0,9274	1,2324	0,9020	9,8986	+ 0,01
27	9,9359	0,9368	1,1919	1,0443	9,9134	+ 0,01
Nov. 6	9,9469	0,9473	1,1322	1,1414	9,9276	+ 0,01
16	9,9591	0,9578	1,0467	1,2099	9,9414	+ 0,01
26	9,9724	0,9671	0,9222	1,2574	9,9547	+ 0,01
Dec. 6	9,9865	0,9743	0,7255	1,2880	9,9677	+ 0,01
16	0,0009	0,9786	0,3215	1,3037	9,9803	+ 0,01
26	0,0152	0,9796	0,0766 *n*	1,3056	9,9925	+ 0,01
36	0,0289	0,9774	0,6480 *n*	1,2937	0,0044	+ 0,01

Tabula VIII.

1792.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	8,7520	0,9786	0,5099 *n*	1,2998	$-\infty$	+ 0″,01
11	8,9483	0,9744	0,8071 *n*	1,2790	8,4362	+ 0,01
21	9,0752	0,9676	0,9725 *n*	1,2425	8,7373	+ 0,01
31	9,1648	0,9589	1,0814 *n*	1,1877	8,9134	+ 0,01
Febr. 10	9,2309	0,9496	1,1569 *n*	1,1093	9,0383	+ 0,01
20	9,2810	0,9407	1,2093 *n*	0,9969	9,1352	+ 0,01
Mart. 1	9,3203	0,9335	1,2438 *n*	0,8266	9,2144	+ 0,01
11	9,3526	0,9289	1,2632 *n*	0,5183	9,2813	+ 0,01
21	9,3808	0,9276	1,2690 *n*	9,2809 *n*	9,3393	0,00
31	9,4076	0,9298	1,2619 *n*	0,5629 *n*	9,3905	0,00
Apr. 10	9,4345	0,9351	1,2415 *n*	0,8446 *n*	9,4362	0,00
20	9,4630	0,9429	1,2068 *n*	1,0047 *n*	9,4776	0,00
30	9,4934	0,9520	1,1556 *n*	1,1113 *n*	9,5154	0,00
Maj. 10	9,5256	0,9614	1,0835 *n*	1,1861 *n*	9,5502	0,00
20	9,5591	0,9701	0,9824 *n*	1,2391 *n*	9,5824	0,00
30	9,5931	0,9772	0,8341 *n*	1,2751 *n*	9,6123	0,00
Jun. 9	9,6267	0,9820	0,5873 *n*	1,2969 *n*	9,6404	0,00
19	9,6590	0,9841	9,9071 *n*	1,3061 *n*	9,6667	0,00
29	9,6892	0,9834	0,3561	1,3033 *n*	9,6915	0,00
Jul. 9	9,7169	0,9798	0,7231	1,2882 *n*	9,7150	0,00
19	9,7417	0,9737	0,9115	1,2600 *n*	9,7373	0,00
29	9,7635	0,9656	1,0337	1,2169 *n*	9,7585	0,00
Aug. 8	9,7822	0,9564	1,1194	1,1551 *n*	9,7787	0,00
18	9,7982	0,9468	1,1808	1,0683 *n*	9,7980	0,00
28	9,8117	0,9381	1,2239	0,9432 *n*	9,8164	0,00
Sept. 7	9,8233	0,9312	1,2519	0,7470 *n*	9,8342	0,00
17	9,8335	0,9270	1,2664	0,3458 *n*	9,8512	— 0,01
27	9,8431	0,9260	1,2682	0,0906	9,8676	— 0,01
Oct. 7	9,8526	0,9284	1,2572	0,6688	9,8834	— 0,01
17	9,8628	0,9339	1,2324	0,9020	9,8986	— 0,01
27	9,8740	0,9417	1,1919	1,0443	9,9134	— 0,01
Nov. 6	9,8866	0,9507	1,1322	1,1414	9,9276	— 0,01
16	9,9006	0,9598	1,0467	1,2099	9,9414	— 0,01
26	9,9158	0,9677	0,9222	1,2574	9,9547	— 0,01
Dec. 6	9,9319	0,9735	0,7256	1,2880	9,9677	— 0,01
16	9,9482	0,9765	0,3216	1,3037	9,9803	— 0,01
26	9,9643	0,9763	0,0765 *n*	1,3056	9,9925	— 0,01
36	9,9797	0,9727	0,6480 *n*	1,2937	0,0044	— 0,01

Tabula VIII.

1793.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	8,7637 n	0,9744	0,5099 n	1,2998	$-\infty$	— 0,01
10	8,4103 n	0,9688	0,8071 n	1,2790	8,4362	— 0,01
20	7,6493	0,9605	0,9725 n	1,2425	8,7373	— 0,01
30	8,5020	0,9503	1,0814 n	1,1877	8,9134	— 0,01
Febr. 9	8,7470	0,9393	1,1569 n	1,1093	9,0383	— 0,01
19	8,8851	0,9288	1,2093 n	0,9970	9,1352	— 0,01
Mart. 1	8,9774	0,9198	1,2438 n	0,8266	9,2144	— 0,01
11	9,0459	0,9136	1,2632 n	0,5183	9,2813	— 0,01
21	9,1018	0,9108	1,2690 n	9,2808 n	9,3393	— 0,02
31	9,1516	0,9115	1,2619 n	0,5629 n	9,3905	— 0,02
Apr. 10	9,1995	0,9156	1,2415 n	0,8446 n	9,4362	— 0,02
20	9,2476	0,9221	1,2068 n	1,0047 n	9,4776	— 0,02
30	9,2968	0,9302	1,1556 n	1,1113 n	9,5154	— 0,02
Maj. 10	9,3468	0,9387	1,0835 n	1,1861 n	9,5502	— 0,02
20	9,3967	0,9465	0,9824 n	1,2391 n	9,5824	— 0,02
30	9,4456	0,9526	0,8341 n	1,2751 n	9,6123	— 0,02
Jun. 9	9,4923	0,9563	0,5873 n	1,2969 n	9,6404	— 0,02
19	9,5359	0,9572	9,9070 n	1,3061 n	9,6667	— 0,02
29	9,5759	0,9551	0,3561	1,3033 n	9,6915	— 0,02
Jul. 9	9,6118	0,9499	0,7231	1,2882 n	9,7150	— 0,02
19	9,6433	0,9419	0,9115	1,2600 n	9,7373	— 0,02
29	9,6707	0,9318	1,0337	1,2168 n	9,7585	— 0,02
Aug. 8	9,6940	0,9203	1,1194	1,1551 n	9,7787	— 0,02
18	9,7137	0,9085	1,1808	1,0683 n	9,7980	— 0,02
28	9,7303	0,8974	1,2239	0,9432 n	9,8164	— 0,02
Sept. 7	9,7444	0,8882	1,2519	0,7470 n	9,8342	— 0,02
17	9,7569	0,8820	1,2664	0,3458 n	9,8512	— 0,02
27	9,7686	0,8794	1,2682	0,0906	9,8676	— 0,03
Oct. 7	9,7801	0,8805	1,2572	0,6688	9,8834	— 0,03
17	9,7923	0,8851	1,2324	0,9020	9,8986	— 0,03
27	9,8057	0,8922	1,1919	1,0443	9,9134	— 0,03
Nov. 6	9,8207	0,9008	1,1322	1,1414	9,9276	— 0,03
16	9,8371	0,9095	1,0468	1,2099	9,9414	— 0,03
26	9,8549	0,9170	0,9222	1,2574	9,9547	— 0,03
Dec. 6	9,8735	0,9221	0,7256	1,2880	9,9677	— 0,03
16	9,8924	0,9241	0,3216	1,3037	9,9803	— 0,03
26	9,9109	0,9224	0,0764 n	1,3056	9,9925	— 0,03
36	9,9284	0,9169	0,6480 n	1,2937	0,0044	— 0,03

Tabula VIII.

1794.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
						″
Jan. 0	9,2161 *n*	0,9194	0,5098 *n*	1,2998	— ∞	— 0,03
10	9,1198 *n*	0,9117	0,8071 *n*	1,2790	8,4362	— 0,03
20	9,0050 *n*	0,9007	0,9725 *n*	1,2425	8,7373	— 0,03
30	8,8659 *n*	0,8875	1,0814 *n*	1,1877	8,9134	— 0,03
Febr. 9	8,6894 *n*	0,8733	1,1569 *n*	1,1093	9,0383	— 0,03
19	8,4403 *n*	0,8594	1,2093 *n*	0,9970	9,1352	— 0,03
Mart. 1	7,9510 *n*	0,8473	1,2438 *n*	0,8266	9,2144	— 0,03
11	7,8893	0,8383	1,2632 *n*	0,5183	9,2813	— 0,03
21	8,3707	0,8332	1,2690 *n*	9,2806 *n*	9,3393	— 0,03
31	8,5949	0,8325	1,2619 *n*	0,5629 *n*	9,3905	— 0,03
Apr. 10	8,7510	0,8357	1,2415 *n*	0,8446 *n*	9,4362	— 0,04
20	8,8774	0,8420	1,2068 *n*	1,0047 *n*	9,4776	— 0,04
30	8,9872	0,8502	1,1556 *n*	1,1113 *n*	9,5154	— 0,04
Maj. 10	9,0856	0,8588	1,0835 *n*	1,1861 *n*	9,5502	— 0,04
20	9,1744	0,8667	0,9824 *n*	1,2391 *n*	9,5824	— 0,04
30	9,2543	0,8726	0,8341 *n*	1,2751 *n*	9,6123	— 0,04
Jun. 9	9,3260	0,8756	0,5873 *n*	1,2969 *n*	9,6404	— 0,04
19	9,3896	0,8753	9,9069 *n*	1,3061 *n*	9,6667	— 0,04
29	9,4455	0,8712	0,3561	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4940	0,8634	0,7231	1,2882 *n*	9,7150	— 0,04
19	9,5357	0,8523	0,9115	1,2600 *n*	9,7373	— 0,03
29	9,5712	0,8383	1,0337	1,2168 *n*	9,7585	— 0,03
Aug. 8	9,6009	0,8224	1,1194	1,1551 *n*	9,7787	— 0,03
18	9,6258	0,8059	1,1808	1,0683 *n*	9,7980	— 0,03
28	9,6467	0,7902	1,2239	0,9432 *n*	9,8164	— 0,04
Sept. 7	9,6643	0,7767	1,2519	0,7469 *n*	9,8342	— 0,04
17	9,6799	0,7669	1,2664	0,3458 *n*	9,8512	— 0,04
27	9,6943	0,7617	1,2682	0,0906	9,8676	— 0,04
Oct. 7	9,7085	0,7615	1,2572	0,6688	9,8834	— 0,04
17	9,7234	0,7658	1,2324	0,9020	9,8986	— 0,04
27	9,7396	0,7736	1,1919	1,0443	9,9134	— 0,05
Nov. 6	9,7575	0,7832	1,1322	1,1414	9,9276	— 0,05
16	9,7770	0,7930	1,0468	1,2099	9,9414	— 0,05
26	9,7978	0,8013	0,9223	1,2574	9,9547	— 0,05
Dec. 6	9,8194	0,8065	0,7256	1,2880	9,9677	— 0,05
16	9,8411	0,8076	0,3216	1,3037	9,9803	— 0,04
26	9,8623	0,8039	0,0763 *n*	1,3056	9,9925	— 0,04
36	9,8823	0,7952	0,6480 *n*	1,2937	0,0044	— 0,04

Tabula VIII.

1795.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,3983 *n*	0,7990	0,5098 *n*	1,2998	$-\infty$	— 0,04
10	9,3360 *n*	0,7873	0,8070 *n*	1,2790	8,4362	— 0,04
20	9,2682 *n*	0,7711	0,9725 *n*	1,2425	8,7373	— 0,04
30	9,1958 *n*	0,7517	1,0814 *n*	1,1877	8,9134	— 0,04
Febr. 9	9,1196 *n*	0,7304	1,1569 *n*	1,1093	9,0383	— 0,04
19	9,0398 *n*	0,7092	1,2093 *n*	0,9970	9,1352	— 0,04
Mart. 1	8,9553 *n*	0,6902	1,2438 *n*	0,8266	9,2144	— 0,04
11	8,8619 *n*	0,6753	1,2632 *n*	0,5184	9,2813	— 0,04
21	8,7503 *n*	0,6661	1,2690 *n*	9,2805 *n*	9,3393	— 0,05
31	8,5981 *n*	0,6632	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,3392 *n*	0,6661	1,2415 *n*	0,8446 *n*	9,4362	— 0,05
20	7,3006 *n*	0,6736	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,3117	0,6839	1,1556 *n*	1,1113 *n*	9,5154	— 0,05
Maj. 10	8,6626	0,6949	1,0835 *n*	1,1861 *n*	9,5502	— 0,05
20	8,8716	0,7047	0,9824 *n*	1,2391 *n*	9,5824	— 0,05
30	9,0230	0,7116	0,8341 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,1413	0,7145	0,5873 *n*	1,2969 *n*	9,6404	— 0,05
19	9,2373	0,7125	9,9068 *n*	1,3061 *n*	9,6667	— 0,05
29	9,3165	0,7051	0,3562	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3821	0,6921	0,7231	1,2882 *n*	9,7150	— 0,05
19	9,4367	0,6738	0,9115	1,2600 *n*	9,7373	— 0,05
29	9,4820	0,6509	1,0337	1,2168 *n*	9,7585	— 0,05
Aug. 8	9,5194	0,6245	1,1194	1,1551 *n*	9,7787	— 0,05
18	9,5503	0,5963	1,1808	1,0683 *n*	9,7980	— 0,05
28	9,5760	0,5685	1,2239	0,9432 *n*	9,8164	— 0,05
Sept. 7	9,5977	0,5439	1,2519	0,7469 *n*	9,8342	— 0,05
17	9,6167	0,5249	1,2664	0,3458 *n*	9,8512	— 0,05
27	9,6342	0,5137	1,2682	0,0906	9,8676	— 0,05
Oct. 7	9,6513	0,5112	1,2572	0,6688	9,8834	— 0,05
17	9,6691	0,5168	1,2324	0,9020	9,8986	— 0,05
27	9,6883	0,5285	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7090	0,5435	1,1322	1,1414	9,9276	— 0,06
16	9,7315	0,5586	1,0468	1,2099	9,9414	— 0,06
26	9,7553	0,5710	0,9223	1,2574	9,9547	— 0,06
Dec. 6	9,7797	0,5782	0,7256	1,2880	9,9677	— 0,06
16	9,8041	0,5784	0,3217	1,3037	9,9803	— 0,05
26	9,8277	0,5705	0,0763 *n*	1,3056	9,9925	— 0,05
36	9,8499	0,5539	0,6480 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1796.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,4848 *n*	0,5612	0,5098 *n*	1,2999	$-\infty$	$-0''$,05
11	9,4329 *n*	0,5390	0,8070 *n*	1,2790	8,4362	— 0,05
21	9,3779 *n*	0,5082	0,9725 *n*	1,2425	8,7373	— 0,05
31	9,3208 *n*	0,4699	1,0814 *n*	1,1877	8,9134	— 0,05
Febr. 10	9,2627 *n*	0,4262	1,1569 *n*	1,1093	9,0383	— 0,05
20	9,2043 *n*	0,3801	1,2093 *n*	0,9970	9,1352	— 0,05
Mart. 1	9,1452 *n*	0,3361	1,2438 *n*	0,8266	9,2144	— 0,05
11	9,0838 *n*	0,2992	1,2632 *n*	0,5184	9,2813	— 0,05
21	9,0163 *n*	0,2743	1,2690 *n*	9,2804 *n*	9,3393	— 0,05
31	8,9356 *n*	0,2644	1,2619 *n*	0,5629 *n*	9,3905	— 0,06
Apr. 10	8,8290 *n*	0,2691	1,2415 *n*	0,8446 *n*	9,4362	— 0,06
20	8,6688 *n*	0,2851	1,2068 *n*	1,0047 *n*	9,4776	— 0,06
30	8,3647 *n*	0,3075	1,1556 *n*	1,1113 *n*	9,5154	— 0,06
Maj. 10	7,5175	0,3311	1,0835 *n*	1,1861 *n*	9,5502	— 0,06
20	8,5148	0,3514	0,9824 *n*	1,2391 *n*	9,5824	— 0,06
30	8,8111	0,3651	0,8341 *n*	1,2751 *n*	9,6123	— 0,06
Jun. 9	8,9946	0,3697	0,5872 *n*	1,2969 *n*	9,6404	— 0,06
19	9,1271	0,3635	9,9067 *n*	1,3061 *n*	9,6667	— 0,06
29	9,2292	0,3449	0,3562	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3103	0,3126	0,7231	1,2882 *n*	9,7150	— 0,05
19	9,3759	0,2654	0,9115	1,2600 *n*	9,7373	— 0,05
29	9,4292	0,2018	1,0337	1,2168 *n*	9,7585	— 0,05
Aug. 8	9,4727	0,1203	1,1195	1,1551 *n*	9,7787	— 0,05
18	9,5083	0,0198	1,1808	1,0683 *n*	9,7980	— 0,05
28	9,5378	9,9003	1,2239	0,9432 *n*	9,8164	— 0,05
Sept. 7	9,5626	9,7656	1,2519	0,7469 *n*	9,8342	— 0,05
17	9,5843	9,6295	1,2664	0,3458 *n*	9,8512	— 0,06
27	9,6043	9,5237	1,2682	0,0906	9,8676	— 0,06
Oct. 7	9,6237	9,4892	1,2572	0,6688	9,8834	— 0,06
17	9,6436	9,5369	1,2324	0,9019	9,8986	— 0,06
27	9,6648	9,6316	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,6877	9,7331	1,1322	1,1414	9,9276	— 0,06
16	9,7121	9,8190	1,0468	1,2099	9,9414	— 0,06
26	9,7377	9,8798	0,9223	1,2574	9,9547	— 0,06
Dec. 6	9,7639	9,9114	0,7256	1,2880	9,9677	— 0,06
16	9,7899	9,9100	0,3217	1,3037	9,9803	— 0,06
26	9,8150	9,8692	0,0762 *n*	1,3056	9,9925	— 0,06
36	9,8384	9,7750	0,6480 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1797.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5108 *n*	9,8182	0,5098 *n*	1,2999	$-\infty$	$-0''$,05
10	9,4605 *n*	9,6741	0,8070 *n*	1,2790	8,4362	—0,05
20	9,4073 *n*	9,3648	0,9725 *n*	1,2426	8,7373	—0,05
30	9,3522 *n*	8,6419 *n*	1,0814 *n*	1,1877	8,9134	—0,05
Febr. 9	9,2962 *n*	9,5184 *n*	1,1569 *n*	1,1093	9,0383	—0,05
19	9,2398 *n*	9,7792 *n*	1,2093 *n*	0,9970	9,1352	—0,05
Mart. 1	9,1827 *n*	9,9221 *n*	1,2438 *n*	0,8266	9,2144	—0,05
11	9,1234 *n*	0,0064 *n*	1,2632 *n*	0,5184	9,2813	—0,05
21	9,0583 *n*	0,0523 *n*	1,2690 *n*	9,2803 *n*	9,3393	—0,06
31	8,9810 *n*	0,0692 *n*	1,2619 *n*	0,5629 *n*	9,3905	—0,06
Apr. 10	8,8803 *n*	0,0625 *n*	1,2415 *n*	0,8447 *n*	9,4362	—0,06
20	8,7330 *n*	0,0360 *n*	1,2068 *n*	1,0047 *n*	9,4776	—0,06
30	8,4707 *n*	9,9937 *n*	1,1556 *n*	1,1113 *n*	9,5154	—0,06
Maj. 10	7,3127 *n*	9,9411 *n*	1,0835 *n*	1,1861 *n*	9,5502	—0,06
20	8,4532	9,8873 *n*	0,9823 *n*	1,2391 *n*	9,5824	—0,06
30	8,7885	9,8451 *n*	0,8341 *n*	1,2751 *n*	9,6123	—0,06
Jun. 9	8,9846	9,8296 *n*	0,5872 *n*	1,2969 *n*	9,6404	—0,06
19	9,1231	9,8507 *n*	9,9066 *n*	1,3061 *n*	9,6667	—0,06
29	9,2287	9,9062 *n*	0,3562	1,3033 *n*	9,6915	—0,05
Jul. 9	9,3121	9,9839 *n*	0,7231	1,2882 *n*	9,7150	—0,05
19	9,3793	0,0698 *n*	0,9115	1,2600 *n*	9,7373	—0,05
29	9,4339	0,1536 *n*	1,0337	1,2168 *n*	9,7585	—0,05
Aug. 8	9,4784	0,2292 *n*	1,1195	1,1551 *n*	9,7787	—0,05
18	9,5150	0,2936 *n*	1,1808	1,0683 *n*	9,7980	—0,05
28	9,5453	0,3456 *n*	1,2239	0,9432 *n*	9,8164	—0,05
Sept. 7	9,5709	0,3849 *n*	1,2519	0,7469 *n*	9,8342	—0,05
17	9,5934	0,4117 *n*	1,2664	0,3458 *n*	9,8512	—0,05
27	9,6140	0,4266 *n*	1,2682	0,0907	9,8676	—0,05
Oct. 7	9,6340	0,4303 *n*	1,2572	0,6688	9,8834	—0,06
17	9,6545	0,4239 *n*	1,2324	0,9019	9,8986	—0,06
27	9,6761	0,4094 *n*	1,1920	1,0443	9,9134	—0,06
Nov. 6	9,6993	0,3893 *n*	1,1322	1,1414	9,9276	—0,06
16	9,7239	0,3671 *n*	1,0468	1,2099	9,9414	—0,06
26	9,7496	0,3474 *n*	0,9223	1,2574	9,9547	—0,06
Dec. 6	9,7759	0,3353 *n*	0,7256	1,2880	9,9677	—0,06
16	9,8019	0,3349 *n*	0,3218	1,3037	9,9803	—0,05
26	9,8269	0,3483 *n*	0,0762 *n*	1,3056	9,9925	—0,05
36	9,8504	0,3746 *n*	0,6479 *n*	1,2937	0,0044	—0,05

Tabula VIII.

1798.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	9,4847 *n*	0,3634 *n*	0,5097 *n*	1,2999	$-\infty$	— 0,05
10	9,4295 *n*	0,3961 *n*	0,8070 *n*	1,2790	8,4362	— 0,05
20	9,3703 *n*	0,4353 *n*	0,9725 *n*	1,2426	8,7373	— 0,05
30	9,3078 *n*	0,4763 *n*	1,0814 *n*	1,1877	8,9134	— 0,05
Febr. 9	9,2428 *n*	0,5152 *n*	1,1569 *n*	1,1093	9,0383	— 0,05
19	9,1756 *n*	0,5490 *n*	1,2093 *n*	0,9970	9,1352	— 0,05
Mart. 1	9,1053 *n*	0,5761 *n*	1,2438 *n*	0,8266	9,2144	— 0,05
11	9,0294 *n*	0,5955 *n*	1,2632 *n*	0,5184	9,2813	— 0,05
21	8,9421 *n*	0,6071 *n*	1,2690 *n*	9,2802 *n*	9,3393	— 0,05
31	8,8318 *n*	0,6111 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,6731 *n*	0,6084 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	8,3853 *n*	0,6002 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	7,0816	0,5881 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,05
Maj. 10	8,4724	0,5744 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,05
20	8,7860	0,5615 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,05
30	8,9783	0,5519 *n*	0,8340 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,1177	0,5478 *n*	0,5872 *n*	1,2969 *n*	9,6404	— 0,05
19	9,2263	0,5508 *n*	9,9065 *n*	1,3061 *n*	9,6667	— 0,05
29	9,3136	0,5613 *n*	0,3563	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3850	0,5787 *n*	0,7231	1,2882 *n*	9,7150	— 0,05
19	9,4440	0,6011 *n*	0,9115	1,2600 *n*	9,7373	— 0,05
29	9,4927	0,6265 *n*	1,0337	1,2168 *n*	9,7585	— 0,04
Aug. 8	9,5330	0,6524 *n*	1,1195	1,1551 *n*	9,7787	— 0,04
18	9,5665	0,6769 *n*	1,1808	1,0683 *n*	9,7980	— 0,04
28	9,5946	0,6983 *n*	1,2239	0,9432 *n*	9,8164	— 0,04
Sept. 7	9,6185	0,7153 *n*	1,2519	0,7469 *n*	9,8342	— 0,05
17	9,6396	0,7271 *n*	1,2664	0,3458 *n*	9,8512	— 0,05
27	9,6591	0,7334 *n*	1,2682	0,0907	9,8676	— 0,05
Oct. 7	9,6780	0,7343 *n*	1,2572	0,6688	9,8834	— 0,05
17	9,6973	0,7302 *n*	1,2324	0,9019	9,8986	— 0,05
27	9,7177	0,7221 *n*	1,1920	1,0443	9,9134	— 0,05
Nov. 6	9,7395	0,7114 *n*	1,1322	1,1414	9,9276	— 0,05
16	9,7627	0,6999 *n*	1,0468	1,2099	9,9414	— 0,05
26	9,7869	0,6898 *n*	0,9223	1,2574	9,9547	— 0,05
Dec. 6	9,8117	0,6831 *n*	0,7256	1,2880	9,9677	— 0,05
16	9,8363	0,6817 *n*	0,3218	1,3037	9,9803	— 0,05
26	9,8600	0,6867 *n*	0,0762 *n*	1,3056	9,9925	— 0,04
36	9,8822	0,6978 *n*	0,6479 *n*	1,2937	0,0044	— 0,04

Tabula VIII.

1799.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						$''$
Jan. 0	9,4009 n	0,6929 n	0,5097 n	1,2999	$-\infty$	— 0,04
10	9,3113 n	0,7074 n	0,8070 n	1,2790	8,4362	— 0,04
20	9,2535 n	0,7258 n	0,9725 n	1,2426	8,7373	— 0,04
30	9,1671 n	0,7462 n	1,0814 n	1,1877	8,9134	— 0,04
Febr. 9	9,0713 n	0,7664 n	1,1569 n	1,1093	9,0383	— 0,04
19	8,9634 n	0,7847 n	1,2093 n	0,9970	9,1352	— 0,04
Mart. 1	8,8370 n	0,7997 n	1,2438 n	0,8266	9,2144	— 0,04
11	8,6760 n	0,8104 n	1,2632 n	0,5184	9,2813	— 0,04
21	8,4331 n	0,8165 n	1,2690 n	9,2800 n	9,3393	— 0,04
31	7,8228 n	0,8179 n	1,2619 n	0,5629 n	9,3905	— 0,04
Apr. 10	8,1751	0,8152 n	1,2415 n	0,8447 n	9,4362	— 0,04
20	8,5866	0,8091 n	1,2068 n	1,0047 n	9,4776	— 0,04
30	8,8123	0,8006 n	1,1556 n	1,1113 n	9,5154	— 0,04
Maj. 10	8,9740	0,7911 n	1,0835 n	1,1862 n	9,5502	— 0,04
20	9,1017	0,7821 n	0,9823 n	1,2391 n	9,5824	— 0,04
30	9,2074	0,7752 n	0,8340 n	1,2751 n	9,6123	— 0,04
Jun. 9	9,2967	0,7715 n	0,5872 n	1,2969 n	9,6404	— 0,04
19	9,3730	0,7721 n	9,9064 n	1,3061 n	9,6667	— 0,04
29	9,4382	0,7772 n	0,3563	1,3033 n	9,6915	— 0,04
Jul. 9	9,4940	0,7866 n	0,7232	1,2882 n	9,7150	— 0,04
19	9,5415	0,7995 n	0,9115	1,2600 n	9,7373	— 0,03
29	9,5817	0,8145 n	1,0338	1,2168 n	9,7585	— 0,03
Aug. 8	9,6157	0,8304 n	1,1195	1,1551 n	9,7787	— 0,03
18	9,6443	0,8457 n	1,1809	1,0683 n	9,7980	— 0,03
28	9,6685	0,8592 n	1,2239	0,9432 n	9,8164	— 0,03
Sept. 7	9,6895	0,8699 n	1,2519	0,7469 n	9,8342	— 0,03
17	9,7081	0,8772 n	1,2664	0,3458 n	9,8512	— 0,03
27	9,7253	0,8806 n	1,2682	0,0907	9,8676	— 0,03
Oct. 7	9,7422	0,8802 n	1,2572	0,6688	9,8834	— 0,04
17	9,7594	0,8762 n	1,2324	0,9019	9,8986	— 0,04
27	9,7777	0,8693 n	1,1920	1,0443	9,9134	— 0,04
Nov. 6	9,7972	0,8605 n	1,1322	1,1414	9,9276	— 0,04
16	9,8180	0,8512 n	1,0468	1,2099	9,9414	— 0,04
26	9,8399	0,8429 n	0,9223	1,2574	9,9547	— 0,03
Dec. 6	9,8622	0,8369 n	0,7256	1,2880	9,9677	— 0,03
16	9,8845	0,8347 n	0,3218	1,3037	9,9803	— 0,03
26	9,9062	0,8369 n	0,0760 n	1,3056	9,9925	— 0,03
36	9,9266	0,8435 n	0,6479 n	1,2937	0,0044	— 0,03

Tabula VIII.

1800.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,2303 n	0,8405 n	0,5097 n	1,2999	$-\infty$	$-0''$,03
10	9,1206 n	0,8496 n	0,8070 n	1,2790	8,4362	—0,03
20	8,9832 n	0,8618 n	0,9725 n	1,2426	8,7373	—0,03
30	8,8011 n	0,8756 n	1,0814 n	1,1877	8,9134	—0,03
Febr. 9	8,5254 n	0,8896 n	1,1569 n	1,1093	9,0383	—0,02
19	7,8437 n	0,9022 n	1,2093 n	0,9970	9,1352	—0,02
Mart. 1	8,2269	0,9126 n	1,2438 n	0,8266	9,2144	—0,02
11	8,5882	0,9197 n	1,2632 n	0,5184	9,2813	—0,03
21	8,7757	0,9234 n	1,2690 n	9,2799 n	9,3393	—0,03
31	8,9069	0,9234 n	1,2619 n	0,5629 n	9,3905	—0,03
Apr. 10	9,0124	0,9202 n	1,2415 n	0,8447 n	9,4362	—0,03
20	9,1042	0,9142 n	1,2068 n	1,0047 n	9,4776	—0,03
30	9,1875	0,9064 n	1,1556 n	1,1113 n	9,5154	—0,03
Maj. 10	9,2644	0,8978 n	1,0835 n	1,1862 n	9,5502	—0,03
20	9,3357	0,8895 n	0,9823 n	1,2391 n	9,5824	—0,03
30	9,4014	0,8828 n	0,8340 n	1,2751 n	9,6123	—0,03
Jun. 9	9,4614	0,8786 n	0,5872 n	1,2969 n	9,6404	—0,03
19	9,5157	0,8778 n	9,9063 n	1,3061 n	9,6667	—0,02
29	9,5643	0,8805 n	0,3563	1,3033 n	9,6915	—0,02
Jul. 9	9,6072	0,8867 n	0,7232	1,2882 n	9,7150	—0,02
19	9,6447	0,8956 n	0,9116	1,2600 n	9,7373	—0,02
29	9,6772	0,9065 n	1,0338	1,2168 n	9,7585	—0,02
Aug. 8	9,7051	0,9182 n	1,1195	1,1551 n	9,7787	—0,02
18	9,7289	0,9295 n	1,1809	1,0683 n	9,7980	—0,02
28	9,7494	0,9395 n	1,2239	0,9432 n	9,8164	—0,02
Sept. 7	9,7672	0,9473 n	1,2519	0,7469 n	9,8342	—0,02
17	9,7831	0,9522 n	1,2664	0,3457 n	9,8512	—0,02
27	9,7980	0,9540 n	1,2682	0,0907	9,8676	—0,02
Oct. 7	9,8126	0,9524 n	1,2572	0,6688	9,8834	—0,02
17	9,8276	0,9479 n	1,2324	0,9019	9,8986	—0,02
27	9,8435	0,9409 n	1,1920	1,0442	9,9134	—0,02
Nov. 6	9,8606	0,9322 n	1,1322	1,1414	9,9276	—0,02
16	9,8789	0,9231 n	1,0468	1,2099	9,9414	—0,02
26	9,8981	0,9147 n	0,9223	1,2574	9,9547	—0,02
Dec. 6	9,9180	0,9084 n	0,7257	1,2880	9,9677	—0,02
16	9,9379	0,9052 n	0,3219	1,3037	9,9803	—0,02
26	9,9573	0,9057 n	0,0759 n	1,3056	9,9925	—0,01
36	9,9756	0,9101 n	0,6479 n	1,2937	0,0044	—0,01

Tabula VIII.

1801.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	8,8404 *n*	0,9080 *n*	0,5097 *n*	1,2999	$-\infty$	— 0,01
10	8,4894 *n*	0,9145 *n*	0,8070 *n*	1,2790	8,4362	— 0,01
20	7,7251	0,9237 *n*	0,9725 *n*	1,2426	8,7373	— 0,01
30	8,5867	0,9344 *n*	1,0814 *n*	1,1878	8,9134	— 0,01
Febr. 9	8,8369	0,9355 *n*	1,1569 *n*	1,1093	9,0383	— 0,01
19	8,9804	0,9554 *n*	1,2093 *n*	0,9970	9,1352	— 0,01
Mart. 1	8,0782	0,9633 *n*	1,2438 *n*	0,8266	9,2144	— 0,01
11	9,1522	0,9686 *n*	1,2632 *n*	0,5184	9,2813	— 0,01
21	9,2127	0,9706 *n*	1,2690 *n*	9,2798 *n*	9,3393	— 0,01
31	9,2661	0,9695 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,01
Apr. 10	9,3162	0,9654 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,01
20	9,3646	0,9586 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,01
30	9,4128	0,9505 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,01
Maj. 10	9,4606	0,9414 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,01
20	9,5077	0,9326 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,01
30	9,5533	0,9252 *n*	0,8340 *n*	1,2751 *n*	9,6123	— 0,01
Jun. 9	9,5967	0,9202 *n*	0,5872 *n*	1,2969 *n*	9,6404	— 0,01
19	9,6374	0,9180 *n*	9,9063 *n*	1,3061 *n*	9,6667	— 0,01
29	9,6748	0,9191 *n*	0,3564	1,3033 *n*	9,6915	0,00
Jul. 9	9,7086	0,9234 *n*	0,7232	1,2882 *n*	9,7150	0,00
19	9,7388	0,9303 *n*	0,9116	1,2600 *n*	9,7373	0,00
29	9,7653	0,9391 *n*	1,0338	1,2168 *n*	9,7585	0,00
Aug. 8	9,7883	0,9487 *n*	1,1195	1,1551 *n*	9,7787	0,00
18	9,8082	0,9580 *n*	1,1809	1,0683 *n*	9,7980	0,00
28	9,8254	0,9661 *n*	1,2239	0,9432 *n*	9,8164	0,00
Sept. 7	9,8405	0,9722 *n*	1,2519	0,7469 *n*	9,8342	0,00
17	9,8541	0,9757 *n*	1,2664	0,3457 *n*	9,8512	0,00
27	9,8669	0,9761 *n*	1,2682	0,0907	9,8676	0,00
Oct. 7	9,8794	0,9734 *n*	1,2572	0,6688	9,8834	0,00
17	9,8924	0,9679 *n*	1,2324	0,9019	9,8986	0,00
27	9,9062	0,9599 *n*	1,1920	1,0442	9,9134	0,00
Nov. 6	9,9211	0,9503 *n*	1,1323	1,1414	9,9276	0,00
16	9,9371	0,9402 *n*	1,0468	1,2099	9,9414	0,00
26	9,9541	0,9310 *n*	0,9223	1,2574	9,9547	0,00
Dec. 6	9,9716	0,9234 *n*	0,7257	1,2880	9,9677	0,00
16	9,9893	0,9189 *n*	0,3219	1,3037	9,9803	0,00
26	0,0066	0,9180 *n*	0,0759 *n*	1,3056	9,9925	+ 0,01
36	0,0230	0,9209 *n*	0,6479 *n*	1,2937	0,0044	+ 0,01

Tabula VIII.

1802.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	8,6003	0,9194 *n*	0,5096 *n*	1,2999	$-\infty$	+ 0,01
10	8,8933	0,9243 *n*	0,8070 *n*	1,2790	8,4362	+ 0,01
20	9,0586	0,9320 *n*	0,9724 *n*	1,2426	8,7373	+ 0,01
30	9,1697	0,9412 *n*	1,0813 *n*	1,1878	8,9134	+ 0,01
Febr. 9	9,2502	0,9507 *n*	1,1569 *n*	1,1094	9,0383	+ 0,01
19	9,3114	0,9593 *n*	1,2093 *n*	0,9970	9,1352	+ 0,01
Mart. 1	9,3599	0,9659 *n*	1,2438 *n*	0,8266	9,2144	+ 0,01
11	9,4001	0,9699 *n*	1,2632 *n*	0,5184	9,2813	+ 0,01
21	9,4353	0,9707 *n*	1,2690 *n*	9,2797 *n*	9,3393	+ 0,01
31	9,4681	0,9683 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,01
Apr. 10	9,5001	0,9629 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,01
20	9,5325	0,9550 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,01
30	9,5658	0,9453 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,01
Maj. 10	9,5999	0,9348 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,01
20	9,6345	0,9245 *n*	0,9823 *n*	1,2391 *n*	9,5824	+ 0,01
30	9,6689	0,9155 *n*	0,8340 *n*	1,2751 *n*	9,6123	+ 0,01
Jun. 9	9,7025	0,9089 *n*	0,5871 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,7347	0,9053 *n*	9,9062 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7648	0,9050 *n*	0,3564	1,3033 *n*	9,6915	+ 0,01
Jul. 9	9,7924	0,9080 *n*	0,7232	1,2882 *n*	9,7150	+ 0,02
19	9,8174	0,9138 *n*	0,9116	1,2600 *n*	9,7373	+ 0,02
29	9,8395	0,9215 *n*	1,0338	1,2168 *n*	9,7585	+ 0,02
Aug. 8	9,8589	0,9301 *n*	1,1195	1,1551 *n*	9,7787	+ 0,02
18	9,8758	0,9385 *n*	1,1809	1,0683 *n*	9,7980	+ 0,02
28	9,8905	0,9457 *n*	1,2239	0,9432 *n*	9,8164	+ 0,02
Sept. 7	9,9035	0,9508 *n*	1,2519	0,7469 *n*	9,8342	+ 0,02
17	9,9152	0,9531 *n*	1,2664	0,3457 *n*	9,8512	+ 0,02
27	9,9262	0,9523 *n*	1,2682	0,0907	9,8676	+ 0,02
Oct. 7	9,9371	0,9482 *n*	1,2572	0,6688	9,8834	+ 0,02
17	9,9484	0,9410 *n*	1,2324	0,9019	9,8986	+ 0,02
27	9,9605	0,9312 *n*	1,1920	1,0442	9,9134	+ 0,02
Nov. 6	9,9736	0,9196 *n*	1,1323	1,1414	9,9276	+ 0,02
16	9,9877	0,9073 *n*	1,0468	1,2098	9,9414	+ 0,02
26	0,0027	0,8958 *n*	0,9223	1,2574	9,9547	+ 0,02
Dec. 6	0,0183	0,8862 *n*	0,7257	1,2880	9,9677	+ 0,02
16	0,0341	0,8798 *n*	0,3219	1,3037	9,9803	+ 0,02
26	0,0497	0,8774 *n*	0,0758 *n*	1,3056	9,9925	+ 0,02
36	0,0645	0,8790 *n*	0,6478 *n*	1,2937	0,0044	+ 0,02

Tabula VIII.

1803.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,1633	0,8779 *n*	0,5096 *n*	1,2999	$-\infty$	+ 0″,02
10	9,2642	0,8819 *n*	0,8070 *n*	1,2790	8,4362	+ 0,03
20	9,3419	0,8889 *n*	0,9724 *n*	1,2426	8,7373	+ 0,03
30	9,4028	0,8976 *n*	1,0813 *n*	1,1878	8,9134	+ 0,03
Febr. 9	9,4513	0,9067 *n*	1,1569 *n*	1,1094	9,0383	+ 0,03
19	9,4904	0,9149 *n*	1,2093 *n*	0,9970	9,1352	+ 0,03
Mart. 1	9,5228	0,9209 *n*	1,2438 *n*	0,8267	9,2144	+ 0,03
11	9,5504	0,9239 *n*	1,2632 *n*	0,5184	9,2813	+ 0,03
21	9,5752	0,9235 *n*	1,2690 *n*	9,2796 *n*	9,3393	+ 0,03
31	9,5989	0,9195 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,02
Apr. 10	9,6225	0,9121 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,02
20	9,6468	0,9019 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,02
30	9,6723	0,8895 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,02
Maj. 10	9,6989	0,8761 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,02
20	9,7264	0,8628 *n*	0,9823 *n*	1,2391 *n*	9,5824	+ 0,02
30	9,7542	0,8510 *n*	0,8340 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,7817	0,8417 *n*	0,5871 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8084	0,8359 *n*	9,9061 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8337	0,8340 *n*	0,3564	1,3033 *n*	9,6915	+ 0,03
Jul. 9	9,8571	0,8360 *n*	0,7232	1,2882 *n*	9,7150	+ 0,03
19	9,8785	0,8413 *n*	0,9116	1,2600 *n*	9,7373	+ 0,03
29	9,8976	0,8488 *n*	1,0338	1,2168 *n*	9,7585	+ 0,04
Aug. 8	9,9144	0,8575 *n*	1,1195	1,1551 *n*	9,7787	+ 0,04
18	9,9289	0,8660 *n*	1,1809	1,0682 *n*	9,7980	+ 0,04
28	9,9419	0,8731 *n*	1,2239	0,9432 *n*	9,8164	+ 0,04
Sept. 7	9,9532	0,8778 *n*	1,2519	0,7469 *n*	9,8342	+ 0,04
17	9,9634	0,8792 *n*	1,2664	0,3457 *n*	9,8512	+ 0,03
27	9,9731	0,8769 *n*	1,2682	0,0907	9,8676	+ 0,03
Oct. 7	9,9827	0,8706 *n*	1,2572	0,6688	9,8834	+ 0,03
17	9,9927	0,8605 *n*	1,2324	0,9019	9,8986	+ 0,03
27	0,0034	0,8473 *n*	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0150	0,8317 *n*	1,1323	1,1414	9,9276	+ 0,03
16	0,0277	0,8151 *n*	1,0468	1,2098	9,9414	+ 0,03
26	0,0412	0,7912 *n*	0,9223	1,2574	9,9547	+ 0,03
Dec. 6	0,0553	0,7855 *n*	0,7257	1,2880	9,9677	+ 0,03
16	0,0697	0,7758 *n*	0,3220	1,3037	9,9803	+ 0,04
26	0,0838	0,7710 *n*	0,0757 *n*	1,3056	9,9925	+ 0,04
36	0,0974	0,7715 *n*	0,6478 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1804.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,3747	0,7707 n	0,5096 n	1,2999	$-\infty$	+ 0,04
11	9,4387	0,7741 n	0,8069 n	1,2790	8,4362	+ 0,04
21	9,4914	0,7815 n	0,9724 n	1,2426	8,7373	+ 0,04
31	9,5347	0,7911 n	1,0813 n	1,1878	8,9134	+ 0,04
Febr. 10	9,5703	0,8012 n	1,1569 n	1,1094	9,0383	+ 0,04
20	9,5998	0,8101 n	1,2093 n	0,9970	9,1352	+ 0,04
Mart. 1	9,6245	0,8163 n	1,2438 n	0,8267	9,2144	+ 0,04
11	9,6460	0,8187 n	1,2632 n	0,5185	9,2813	+ 0,04
21	9,6655	0,8168 n	1,2690 n	9,2794 n	9,3393	+ 0,04
31	9,6842	0,8102 n	1,2619 n	0,5629 n	9,3905	+ 0,04
Apr. 10	9,7032	0,7992 n	1,2415 n	0,8447 n	9,4362	+ 0,04
20	9,7230	0,7844 n	1,2068 n	1,0047 n	9,4776	+ 0,04
30	9,7440	0,7665 n	1,1556 n	1,1113 n	9,5154	+ 0,04
Maj. 10	9,7662	0,7470 n	1,0835 n	1,1862 n	9,5502	+ 0,04
20	9,7894	0,7274 n	0,9823 n	1,2391 n	9,5824	+ 0,04
30	9,8131	0,7094 n	0,8340 n	1,2751 n	9,6123	+ 0,04
Jun. 9	9,8368	0,6947 n	0,5871 n	1,2969 n	9,6404	+ 0,04
19	9,8600	0,6847 n	9,9060 n	1,3061 n	9,6667	+ 0,04
29	9,8821	0,6802 n	0,3565	1,3033 n	9,6915	+ 0,04
Jul. 9	9,9028	0,6812 n	0,7232	1,2882 n	9,7150	+ 0,05
19	9,9217	0,6870 n	0,9116	1,2600 n	9,7373	+ 0,05
29	9,9387	0,6961 n	1,0338	1,2168 n	9,7585	+ 0,05
Aug. 8	9,9537	0,7067 n	1,1195	1,1551 n	9,7787	+ 0,05
18	9,9668	0,7171 n	1,1809	1,0682 n	9,7980	+ 0,05
28	9,9782	0,7255 n	1,2239	0,9432 n	9,8164	+ 0,05
Sept. 7	9,9883	0,7305 n	1,2519	0,7469 n	9,8342	+ 0,05
17	9,9975	0,7310 n	1,2664	0,3457 n	9,8512	+ 0,05
27	0,0061	0,7262 n	1,2682	0,0907	9,8676	+ 0,05
Oct. 7	0,0147	0,7157 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0237	0,6997 n	1,2324	0,9019	9,8986	+ 0,04
27	0,0333	0,6781 n	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0440	0,6538 n	1,1323	1,1414	9,9276	+ 0,04
16	0,0555	0,6268 n	1,0468	1,2098	9,9414	+ 0,04
26	0,0679	0,6001 n	0,9223	1,2574	9,9547	+ 0,04
Dec. 6	0,0809	0,5763 n	0,7257	1,2880	9,9677	+ 0,05
16	0,0942	0,5584 n	0,3220	1,3037	9,9803	+ 0,05
26	0,1073	0,5484 n	0,0757 n	1,3056	9,9925	+ 0,05
36	0,1199	0,5471 n	0,6478 n	1,2937	0,0044	+ 0,05

Tabula VIII.

1805.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4828	0,5466 *n*	0,5096 *n*	1,2999	$-\infty$	+ 0″,05
10	9,5325	0,5503 *n*	0,8069 *n*	1,2790	8,4362	+ 0,05
20	9,5745	0,5605 *n*	0,9724 *n*	1,2426	8,7373	+ 0,05
30	9,6097	0,5745 *n*	1,0813 *n*	1,1878	8,9134	+ 0,05
Febr. 9	9,6391	0,5892 *n*	1,1569 *n*	1,1094	9,0383	+ 0,05
19	9,6635	0,6019 *n*	1,2093 *n*	0,9970	9,1352	+ 0,05
Mart. 1	9,6843	0,6101 *n*	1,2438 *n*	0,8267	9,2144	+ 0,05
11	9,7023	0,6124 *n*	1,2632 *n*	0,5185	9,2813	+ 0,05
21	9,7188	0,6077 *n*	1,2690 *n*	9,2793 *n*	9,3393	+ 0,05
31	9,7348	0,5954 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7511	0,5755 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7682	0,5485 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7865	0,5154 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8061	0,4779 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8268	0,4385 *n*	0,9823 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8481	0,4004 *n*	0,8340 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8695	0,3674 *n*	0,5871 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8905	0,3432 *n*	9,9059 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9108	0,3307 *n*	0,3565	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9297	0,3303 *n*	0,7232	1,2882 *n*	9,7150	+ 0,05
19	9,9470	0,3405 *n*	0,9116	1,2600 *n*	9,7373	+ 0,06
29	9,9626	0,3581 *n*	1,0338	1,2168 *n*	9,7585	+ 0,06
Aug. 8	9,9764	0,3787 *n*	1,1195	1,1551 *n*	9,7787	+ 0,06
18	9,9885	0,3984 *n*	1,1809	1,0682 *n*	9,7980	+ 0,06
28	9,9990	0,4137 *n*	1,2239	0,9432 *n*	9,8164	+ 0,06
Sept. 7	0,0082	0,4220 *n*	1,2519	0,7469 *n*	9,8342	+ 0,06
17	0,0166	0,4211 *n*	1,2664	0,3457 *n*	9,8512	+ 0,05
27	0,0245	0,4093 *n*	1,2682	0,0908	9,8676	+ 0,05
Oct. 7	0,0323	0,3854 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0406	0,3483 *n*	1,2324	0,9019	9,8986	+ 0,05
27	0,0495	0,2973 *n*	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0594	0,2321 *n*	1,1323	1,1414	9,9276	+ 0,05
16	0,0702	0,1537 *n*	1,0468	1,2098	9,9414	+ 0,05
26	0,0819	0,0651 *n*	0,9223	1,2574	9,9547	+ 0,05
Dec. 6	0,0942	9,9733 *n*	0,7257	1,2880	9,9677	+ 0,05
16	0,1067	9,8914 *n*	0,3221	1,3037	9,9803	+ 0,05
26	0,1191	9,8371 *n*	0,0756 *n*	1,3056	9,9925	+ 0,06
36	0,1311	9,8241 *n*	0,6478 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1806.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						$''$
Jan. 0	9,5298	9,8239 n	0,5095 n	1,2999	$-\infty$	+ 0,06
10	9,5735	9,8373 n	0,8069 n	1,2790	8,4362	+ 0,06
20	9,6108	9,8829 n	0,9724 n	1,2426	8,7373	+ 0,06
30	9,6424	9,9417 n	1,0813 n	1,1878	8,9134	+ 0,06
Febr. 9	9,6688	9,9981 n	1,1569 n	1,1094	9,0383	+ 0,06
19	9,6908	0,0424 n	1,2093 n	0,9970	9,1352	+ 0,06
Mart. 1	9,7095	0,0689 n	1,2438 n	0,8267	9,2144	+ 0,06
11	9,7257	0,0741 n	1,2632 n	0,5185	9,2813	+ 0,06
21	9,7406	0,0547 n	1,2690 n	9,2792 n	9,3393	+ 0,05
31	9,7550	0,0061 n	1,2619 n	0,5629 n	9,3905	+ 0,05
Apr. 10	9,7698	9,9197 n	1,2415 n	0,8447 n	9,4362	+ 0,05
20	9,7856	9,7766 n	1,2068 n	1,0047 n	9,4776	+ 0,05
30	9,8025	9,5213 n	1,1556 n	1,1113 n	9,5154	+ 0,05
Maj. 10	9,8208	8,7416 n	1,0835 n	1,1862 n	9,5502	+ 0,05
20	9,8401	9,3252	0,9823 n	1,2391 n	9,5824	+ 0,05
30	9,8602	9,6508	0,8340 n	1,2751 n	9,6123	+ 0,05
Jun. 9	9,8805	9,8038	0,5871 n	1,2969 n	9,6404	+ 0,05
19	9,9005	9,8850	9,9058 n	1,3061 n	9,6667	+ 0,05
29	9,9197	9,9217	0,3565	1,3033 n	9,6915	+ 0,06
Jul. 9	9,9377	9,9250	0,7233	1,2882 n	9,7150	+ 0,06
19	9,9543	9,9001	0,9116	1,2600 n	9,7373	+ 0,06
29	9,9692	9,8503	1,0338	1,2168 n	9,7585	+ 0,06
Aug. 8	9,9823	9,7790	1,1195	1,1551 n	9,7787	+ 0,06
18	9,9937	9,6934	1,1809	1,0682 n	9,7980	+ 0,06
28	0,0037	9,6095	1,2239	0,9432 n	9,8164	+ 0,06
Sept. 7	0,0124	9,5563	1,2519	0,7469 n	9,8342	+ 0,06
17	0,0202	9,5662	1,2664	0,3457 n	9,8512	+ 0,05
27	0,0276	9,6447	1,2682	0,0908	9,8676	+ 0,05
Oct. 7	0,0350	9,7641	1,2572	0,6688	9,8834	+ 0,05
17	0,0428	9,8931	1,2324	0,9019	9,8986	+ 0,05
27	0,0513	0,0131	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0608	0,1167	1,1323	1,1414	9,9276	+ 0,05
16	0,0712	0,2018	1,0468	1,2098	9,9414	+ 0,05
26	0,0825	0,2684	0,9223	1,2574	9,9547	+ 0,05
Dec. 6	0,0943	0,3175	0,7257	1,2880	9,9677	+ 0,05
16	0,1065	0,3501	0,3221	1,3037	9,9803	+ 0,05
26	0,1186	0,3676	0,0755 n	1,3056	9,9925	+ 0,05
36	0,1303	0,3713	0,6478 n	1,2937	0,0044	+ 0,05

Tabula VIII.

1807.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						$''$
Jan. 0	9,5270	0,3714	0,5095 *n*	1,2999	$-\infty$	+ 0,05
10	9,5697	0,3674	0,8069 *n*	1,2790	8,4362	+ 0,06
20	9,6063	0,3529	0,9724 *n*	1,2426	8,7373	+ 0,06
30	9,6372	0,3309	1,0813 *n*	1,1878	8,9134	+ 0,06
Febr. 9	9,6629	0,3054	1,1569 *n*	1,1094	9,0383	+ 0,06
19	9,6843	0,2816	1,2093 *n*	0,9970	9,1352	+ 0,06
Mart. 1	9,7023	0,2651	1,2438 *n*	0,8267	9,2144	+ 0,06
11	9,7180	0,2613	1,2632 *n*	0,5185	9,2813	+ 0,05
21	9,7323	0,2729	1,2690 *n*	9,2791 *n*	9,3393	+ 0,05
31	9,7462	0,2994	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7605	0,3370	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7758	0,3808	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7924	0,4259	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8104	0,4683	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8295	0,5055	0,9823 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8495	0,5359	0,8340 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8696	0,5587	0,5870 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8895	0,5736	9,9057 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9087	0,5808	0,3566	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9267	0,5810	0,7233	1,2882 *n*	9,7150	+ 0,05
19	9,9431	0,5750	0,9116	1,2600 *n*	9,7373	+ 0,05
29	9,9579	0,5643	1,0338	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9709	0,5507	1,1195	1,1550 *n*	9,7787	+ 0,05
18	9,9822	0,5366	1,1809	1,0682 *n*	9,7980	+ 0,05
28	9,9918	0,5247	1,2239	0,9431 *n*	9,8164	+ 0,05
Sept. 7	0,0004	0,5178	1,2519	0,7468 *n*	9,8342	+ 0,05
17	0,0080	0,5180	1,2664	0,3456 *n*	9,8512	+ 0,05
27	0,0152	0,5266	1,2682	0,0908	9,8676	+ 0,05
Oct. 7	0,0224	0,5433	1,2572	0,6688	9,8834	+ 0,05
17	0,0300	0,5667	1,2324	0,9019	9,8986	+ 0,05
27	0,0384	0,5943	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0477	0,6231	1,1323	1,1414	9,9276	+ 0,04
16	0,0581	0,6506	1,0468	1,2098	9,9414	+ 0,04
26	0,0693	0,6748	0,9223	1,2574	9,9547	+ 0,04
Dec. 6	0,0812	0,6939	0,7257	1,2880	9,9677	+ 0,04
16	0,0934	0,7071	0,3221	1,3037	9,9803	+ 0,05
26	0,1055	0,7141	0,0755 *n*	1,3056	9,9925	+ 0,05
36	0,1172	0,7150	0,6478 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1808.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,4726	0,7153	0,5095 n	1,2999	$-\infty$	$+0''$,05
11	9,5194	0,7127	0,8069 n	1,2790	8,4362	+ 0,05
21	9,5591	0,7054	0,9724 n	1,2426	8,7373	+ 0,05
31	9,5922	0,6949	1,0813 n	1,1878	8,9134	+ 0,05
Febr. 10	9,6196	0,6831	1,1569 n	1,1094	9,0383	+ 0,05
20	9,6423	0,6722	1,2093 n	0,9970	9,1352	+ 0,05
Mart. 1	9,6612	0,6646	1,2438 n	0,8267	9,2144	+ 0,05
11	9,6775	0,6620	1,2632 n	0,5185	9,2813	+ 0,05
21	9,6923	0,6656	1,2690 n	9,2789 n	9,3393	+ 0,04
31	9,7067	0,6755	1,2619 n	0,5629 n	9,3905	+ 0,04
Apr. 10	9,7215	0,6907	1,2415 n	0,8447 n	9,4362	+ 0,04
20	9,7375	0,7096	1,2068 n	1,0047 n	9,4776	+ 0,04
30	9,7549	0,7303	1,1556 n	1,1113 n	9,5154	+ 0,04
Maj. 10	9,7738	0,7509	1,0835 n	1,1862 n	9,5502	+ 0,04
20	9,7939	0,7697	0,9823 n	1,2391 n	9,5824	+ 0,04
30	9,8148	0,7856	0,8340 n	1,2751 n	9,6123	+ 0,04
Jun. 9	9,8361	0,7976	0,5870 n	1,2969 n	9,6404	+ 0,04
19	9,8570	0,8054	9,9056 n	1,3061 n	9,6667	+ 0,04
29	9,8771	0,8087	0,3566	1,3033 n	9,6915	+ 0,04
Jul. 9	9,8958	0,8079	0,7233	1,2882 n	9,7150	+ 0,04
19	9,9130	0,8033	0,9116	1,2600 n	9,7373	+ 0,04
29	9,9276	0,7960	1,0338	1,2168 n	9,7585	+ 0,04
Aug. 8	9,9418	0,7871	1,1195	1,1550 n	9,7787	+ 0,04
18	9,9534	0,7779	1,1809	1,0682 n	9,7980	+ 0,04
28	9,9634	0,7700	1,2239	0,9431 n	9,8164	+ 0,04
Sept. 7	9,9720	0,7649	1,2519	0,7468 n	9,8342	+ 0,04
17	9,9798	0,7638	1,2664	0,3456 n	9,8512	+ 0,04
27	9,9870	0,7656	1,2682	0,0908	9,8676	+ 0,04
Oct. 7	9,9943	0,7761	1,2572	0,6688	9,8834	+ 0,04
17	0,0021	0,7888	1,2324	0,9019	9,8986	+ 0,04
27	0,0106	0,8043	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0202	0,8212	1,1323	1,1414	9,9276	+ 0,03
16	0,0309	0,8378	1,0468	1,2098	9,9414	+ 0,03
26	0,0425	0,8526	0,9223	1,2574	9,9547	+ 0,03
Dec. 6	0,0548	0,8644	0,7258	1,2880	9,9677	+ 0,03
16	0,0675	0,8723	0,3222	1,3037	9,9803	+ 0,03
26	0,0800	0,8761	0,0754 n	1,3056	9,9925	+ 0,04
36	0,0921	0,8756	0,6477 n	1,2937	0,0044	+ 0,04

Tabula VIII.

1809.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,3494	0,8763	0,5095 n	1,2999	$-\infty$	+ 0,04
10	9,4091	0,8734	0,8069 n	1,2790	8,4362	+ 0,04
20	9,4584	0,8673	0,9724 n	1,2426	8,7373	+ 0,04
30	9,4987	0,8589	1,0813 n	1,1878	8,9134	+ 0,04
Febr. 9	9,5314	0,8497	1,1569 n	1,1094	9,0383	+ 0,04
19	9,5580	0,8412	1,2093 n	0,9970	9,1352	+ 0,04
Mart. 1	9,5800	0,8348	1,2438 n	0,8267	9,2144	+ 0,04
11	9,5987	0,8318	1,2632 n	0,5185	9,2813	+ 0,03
21	9,6156	0,8330	1,2690 n	9,2788 n	9,3393	+ 0,03
31	9,6319	0,8385	1,2619 n	0,5629 n	9,3905	+ 0,03
Apr. 10	9,6488	0,8477	1,2415 n	0,8447 n	9,4362	+ 0,03
20	9,6669	0,8598	1,2068 n	1,0047 n	9,4776	+ 0,03
30	9,6866	0,8733	1,1556 n	1,1113 n	9,5154	+ 0,03
Maj. 10	9,7080	0,8871	1,0835 n	1,1862 n	9,5502	+ 0,03
20	9,7307	0,8998	0,9823 n	1,2391 n	9,5824	+ 0,03
30	9,7543	0,9105	0,8340 n	1,2751 n	9,6123	+ 0,03
Jun. 9	9,7781	0,9184	0,5870 n	1,2969 n	9,6404	+ 0,03
19	9,8014	0,9232	9,9055 n	1,3061 n	9,6667	+ 0,03
29	9,8237	0,9246	0,3567	1,3033 n	9,6915	+ 0,03
Jul. 9	9,8445	0,9228	0,7233	1,2882 n	9,7150	+ 0,03
19	9,8633	0,9182	0,9116	1,2600 n	9,7373	+ 0,03
29	9,8801	0,9115	1,0338	1,2168 n	9,7585	+ 0,03
Aug. 8	9,8947	0,9034	1,1195	1,1550 n	9,7787	+ 0,03
18	9,9073	0,8951	1,1809	1,0682 n	9,7980	+ 0,03
28	9,9180	0,8878	1,2239	0,9431 n	9,8164	+ 0,03
Sept. 7	9,9273	0,8827	1,2519	0,7468 n	9,8342	+ 0,03
17	9,9355	0,8805	1,2664	0,3456 n	9,8512	+ 0,02
27	9,9433	0,8821	1,2682	0,0908	9,8676	+ 0,02
Oct. 7	9,9510	0,8873	1,2572	0,6688	9,8834	+ 0,02
17	9,9592	0,8959	1,2324	0,9019	9,8986	+ 0,02
27	9,9684	0,9068	1,1920	1,0442	9,9134	+ 0,02
Nov. 6	9,9787	0,9190	1,1323	1,1414	9,9276	+ 0,02
16	9,9901	0,9311	1,0468	1,2098	9,9414	+ 0,02
26	0,0026	0,9418	0,9224	1,2574	9,9547	+ 0,02
Dec. 6	0,0159	0,9503	0,7258	1,2880	9,9677	+ 0,02
16	0,0294	0,9556	0,3222	1,3037	9,9803	+ 0,02
26	0,0429	0,9575	0,0753 n	1,3056	9,9925	+ 0,02
36	0,0558	0,9560	0,6477 n	1,2937	0,0044	+ 0,02

Tabula VIII.

1810.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,0960	0,9570	0,5094 n	1,2999	$-\infty$	$+\overset{''}{0},02$
10	9,1964	0,9534	0,8069 n	1,2790	8,4362	+ 0,02
20	9,2730	0,9471	0,9724 n	1,2426	8,7373	+ 0,02
30	9,3322	0,9389	1,0813 n	1,1878	8,9134	+ 0,02
Febr. 9	9,3785	0,9299	1,1569 n	1,1094	9,0383	+ 0,02
19	9,4150	0,9215	1,2093 n	0,9970	9,1352	+ 0,02
Mart. 1	9,4444	0,9149	1,2438 n	0,8267	9,2144	+ 0,02
11	9,4690	0,9110	1,2632 n	0,5185	9,2813	+ 0,02
21	9,4910	0,9107	1,2690 n	9,2787 n	9,3393	+ 0,02
31	9,5120	0,9139	1,2619 n	0,5629 n	9,3905	+ 0,01
Apr. 10	9,5335	0,9203	1,2415 n	0,8447 n	9,4362	+ 0,01
20	9,5564	0,9292	1,2068 n	1,0047 n	9,4776	+ 0,01
30	9,5812	0,9395	1,1556 n	1,1113 n	9,5154	+ 0,01
Maj. 10	9,6078	0,9500	1,0835 n	1,1862 n	9,5502	+ 0,01
20	9,6358	0,9598	0,9823 n	1,2391 n	9,5824	+ 0,01
30	9,6645	0,9679	0,8339 n	1,2751 n	9,6123	+ 0,01
Jun. 9	9,6932	0,9736	0,5870 n	1,2969 n	9,6404	+ 0,01
19	9,7211	0,9766	9,9054 n	1,3061 n	9,6667	+ 0,01
29	9,7475	0,9766	0,3567	1,3033 n	9,6915	+ 0,01
Jul. 9	9,7719	0,9738	0,7233	1,2882 n	9,7150	+ 0,01
19	9,7938	0,9684	0,9116	1,2600 n	9,7373	+ 0,01
29	9,8132	0,9611	1,0338	1,2168 n	9,7585	+ 0,01
Aug. 8	9,8300	0,9526	1,1195	1,1550 n	9,7787	+ 0,01
18	9,8443	0,9439	1,1809	1,0682 n	9,7980	+ 0,01
28	9,8565	0,9360	1,2239	0,9431 n	9,8164	+ 0,01
Sept. 7	9,8670	0,9300	1,2519	0,7468 n	9,8342	+ 0,01
17	9,8762	0,9266	1,2664	0,3456 n	9,8512	+ 0,01
27	9,8849	0,9266	1,2682	0,0908	9,8676	0,00
Oct. 7	9,8936	0,9299	1,2572	0,6688	9,8834	0,00
17	9,9029	0,9363	1,2324	0,9019	9,8986	0,00
27	9,9131	0,9449	1,1920	1,0442	9,9134	0,00
Nov. 6	9,9246	0,9547	1,1323	1,1414	9,9276	0,00
16	9,9374	0,9645	1,0468	1,2098	9,9414	0,00
26	9,9514	0,9732	0,9224	1,2574	9,9547	0,00
Dec. 6	9,9662	0,9798	0,7258	1,2880	9,9677	0,00
16	9,9813	0,9835	0,3222	1,3037	9,9803	0,00
26	9,9962	0,9840	0,0753 n	1,3056	9,9925	0,00
36	0,0105	0,9813	0,6477 n	1,2937	0,0044	0,00

Tabula VIII.

1811.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,0814	0,9827	0,5094 n	1,2999	$-\infty$	0″,00
10	8,6466	0,9780	0,8069 n	1,2790	8,4362	0,00
20	8,8716	0,9707	0,9724 n	1,2426	8,7373	0,00
30	9,0071	0,9616	1,0813 n	1,1878	8,9134	0,00
Febr. 9	9,0992	0,9518	1,1569 n	1,1094	9,0383	0,00
19	9,1657	0,9424	1,2093 n	0,9971	9,1352	0,00
Mart. 1	9,2162	0,9346	1,2438 n	0,8267	9,2144	0,00
11	9,2568	0,9295	1,2632 n	0,5185	9,2813	0,00
21	9,2917	0,9276	1,2690 n	9,2786 n	9,3393	0,00
31	9,3243	0,9293	1,2619 n	0,5629 n	9,3905	— 0,01
Apr. 10	9,3569	0,9340	1,2415 n	0,8447 n	9,4362	— 0,01
20	9,3907	0,9412	1,2068 n	1,0047 n	9,4776	— 0,01
30	9,4264	0,9498	1,1556 n	1,1113 n	9,5154	— 0,01
Maj. 10	9,4638	0,9587	1,0835 n	1,1862 n	9,5502	— 0,01
20	9,5022	0,9670	0,9823 n	1,2391 n	9,5824	— 0,01
30	9,5408	0,9736	0,8339 n	1,2751 n	9,6123	— 0,01
Jun. 9	9,5785	0,9779	0,5870 n	1,2969 n	9,6404	— 0,01
19	9,6145	0,9796	9,9053 n	1,3061 n	9,6667	— 0,01
29	9,6479	0,9783	0,3567	1,3033 n	9,6915	— 0,01
Jul. 9	9,6783	0,9741	0,7233	1,2882 n	9,7150	— 0,01
19	9,7054	0,9674	0,9117	1,2600 n	9,7373	— 0,01
29	9,7290	0,9587	1,0338	1,2168 n	9,7585	— 0,01
Aug. 8	9,7493	0,9488	1,1195	1,1550 n	9,7787	— 0,01
18	9,7665	0,9385	1,1809	1,0682 n	9,7980	— 0,01
28	9,7811	0,9290	1,2239	0,9431 n	9,8164	— 0,01
Sept. 7	9,7936	0,9214	1,2519	0,7468 n	9,8342	— 0,01
17	9,8046	0,9165	1,2664	0,3456 n	9,8512	— 0,01
27	9,8148	0,9149	1,2682	0,0908	9,8676	— 0,01
Oct. 7	9,8251	0,9168	1,2572	0,6688	9,8834	— 0,01
17	9,8360	0,9219	1,2324	0,9019	9,8986	— 0,02
27	9,8480	0,9294	1,1920	1,0442	9,9134	— 0,02
Nov. 6	9,8614	0,9381	1,1323	1,1413	9,9276	— 0,02
16	9,8762	0,9464	1,0468	1,2098	9,9414	— 0,02
26	9,8924	0,9545	0,9224	1,2574	9,9547	— 0,02
Dec. 6	9,9093	0,9600	0,7258	1,2880	9,9677	— 0,02
16	9,9266	0,9626	0,3223	1,3037	9,9803	— 0,02
26	9,9436	0,9618	0,0752 n	1,3056	9,9925	— 0,02
36	9,9597	0,9575	0,6477 n	1,2937	0,0044	— 0,02

Tabula VIII.

1812.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,0043 *n*	0,9595	0,5094 *n*	1,2999	$-\infty$	—0,02
11	8,8360 *n*	0,9533	0,8069 *n*	1,2790	8,4362	—0,02
21	8,5866 *n*	0,9441	0,9724 *n*	1,2426	8,7373	—0,02
31	8,0338 *n*	0,9330	1,0813 *n*	1,1878	8,9134	—0,02
Febr. 10	8,1271	0,9210	1,1569 *n*	1,1094	9,0383	—0,02
20	8,5369	0,9094	1,2093 *n*	0,9971	9,1352	—0,02
Mart. 1	8,7221	0,8995	1,2438 *n*	0,8267	9,2144	—0,02
11	8,8394	0,8923	1,2632 *n*	0,5185	9,2813	—0,02
21	8,9268	0,8888	1,2690 *n*	9,2785 *n*	9,3393	—0,02
31	9,0000	0,8890	1,2619 *n*	0,5629 *n*	9,3905	—0,02
Apr. 10	9,0670	0,8926	1,2415 *n*	0,8447 *n*	9,4362	—0,03
20	9,1316	0,8990	1,2068 *n*	1,0047 *n*	9,4776	—0,03
30	9,1952	0,9070	1,1556 *n*	1,1113 *n*	9,5154	—0,03
Maj. 10	9,2578	0,9154	1,0835 *n*	1,1862 *n*	9,5502	—0,03
20	9,3187	0,9230	0,9823 *n*	1,2391 *n*	9,5824	—0,03
30	9,3768	0,9281	0,8339 *n*	1,2751 *n*	9,6123	—0,03
Jun. 9	9,4314	0,9324	0,5870 *n*	1,2969 *n*	9,6404	—0,03
19	9,4815	0,9328	9,9052 *n*	1,3061 *n*	9,6667	—0,03
29	9,5268	0,9300	0,3568	1,3033 *n*	9,6915	—0,03
Jul. 9	9,5670	0,9240	0,7234	1,2882 *n*	9,7150	—0,02
19	9,6020	0,9150	0,9117	1,2600 *n*	9,7373	—0,02
29	9,6322	0,9037	1,0338	1,2168 *n*	9,7585	—0,02
Aug. 8	9,6578	0,8909	1,1195	1,1550 *n*	9,7787	—0,02
18	9,6793	0,8776	1,1809	1,0682 *n*	9,7980	—0,02
28	9,6975	0,8651	1,2239	0,9431 *n*	9,8164	—0,02
Sept. 7	9,7132	0,8547	1,2519	0,7468 *n*	9,8342	—0,03
17	9,7264	0,8473	1,2664	0,3456 *n*	9,8512	—0,03
27	9,7391	0,8439	1,2682	0,0909	9,8676	—0,03
Oct. 7	9,7516	0,8445	1,2572	0,6688	9,8834	—0,03
17	9,7648	0,8489	1,2324	0,9019	9,8986	—0,03
27	9,7792	0,8561	1,1920	1,0442	9,9134	—0,04
Nov. 6	9,7952	0,8648	1,1323	1,1413	9,9276	—0,04
16	9,8128	0,8737	1,0468	1,2098	9,9414	—0,04
26	9,8317	0,8813	0,9224	1,2574	9,9547	—0,04
Dec. 6	9,8515	0,8864	0,7258	1,2880	9,9677	—0,03
16	9,8714	0,8880	0,3223	1,3037	9,9803	—0,03
26	9,8910	0,8856	0,0751 *n*	1,3056	9,9925	—0,03
36	9,9094	0,8791	0,6477 *n*	1,2937	0,0044	—0,03

Tabula VIII.

1813.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,3028 *n*	0,8821	0,5094 *n*	1,2999	— ∞	— 0″,03
10	9,2249 *n*	0,8731	0,8068 *n*	1,2790	8,4362	— 0,03
20	9,1367 *n*	0,8606	0,9724 *n*	1,2426	8,7373	— 0,03
30	9,0374 *n*	0,8456	1,0813 *n*	1,1878	8,9134	— 0,03
Febr. 9	8,9254 *n*	0,8293	1,1569 *n*	1,1094	9,0383	— 0,03
19	8,7966 *n*	0,8133	1,2093 *n*	0,9971	9,1352	— 0,03
Mart. 1	8,6408 *n*	0,7991	1,2438 *n*	0,8267	9,2144	— 0,03
11	8,4278 *n*	0,7885	1,2632 *n*	0,5186	9,2813	— 0,03
21	8,0326 *n*	0,7822	1,2690 *n*	9,2783 *n*	9,3393	— 0,04
31	7,7267	0,7808	1,2619 *n*	0,5629 *n*	9,3905	— 0,04
Apr. 10	8,3547	0,7838	1,2415 *n*	0,8447 *n*	9,4362	— 0,04
20	8,6229	0,7903	1,2068 *n*	1,0047 *n*	9,4776	— 0,04
30	8,8058	0,7990	1,1556 *n*	1,1113 *n*	9,5154	— 0,04
Maj. 10	8,9508	0,8081	1,0835 *n*	1,1862 *n*	9,5502	— 0,04
20	9,0674	0,8164	0,9823 *n*	1,2391 *n*	9,5824	— 0,04
30	9,1682	0,8225	0,8339 *n*	1,2751 *n*	9,6123	— 0,04
Jun. 9	9,2549	0,8254	0,5869 *n*	1,2969 *n*	9,6404	— 0,04
19	9,3295	0,8244	9,9051 *n*	1,3061 *n*	9,6667	— 0,04
29	9,3936	0,8194	0,3568	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4484	0,8101	0,7234	1,2882 *n*	9,7150	— 0,04
19	9,4949	0,7969	0,9117	1,2600 *n*	9,7373	— 0,04
29	9,5340	0,7804	1,0338	1,2168 *n*	9,7585	— 0,04
Aug. 8	9,5667	0,7617	1,1195	1,1550 *n*	9,7787	— 0,04
18	9,5939	0,7421	1,1809	1,0682 *n*	9,7980	— 0,04
28	9,6167	0,7232	1,2239	0,9431 *n*	9,8164	— 0,04
Sept. 7	9,6359	0,7068	1,2519	0,7468 *n*	9,8342	— 0,04
17	9,6527	0,6946	1,2664	0,3456 *n*	9,8512	— 0,04
27	9,6684	0,6879	1,2682	0,0909	9,8676	— 0,04
Oct. 7	9,6837	0,6870	1,2572	0,6688	9,8834	— 0,05
17	9,6998	0,6915	1,2324	0,9019	9,8986	— 0,05
27	9,7171	0,7001	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,7362	0,7109	1,1323	1,1413	9,9276	— 0,05
16	9,7568	0,7219	1,0468	1,2098	9,9414	— 0,05
26	9,7789	0,7311	0,9224	1,2574	9,9547	— 0,05
Dec. 6	9,8017	0,7367	0,7258	1,2880	9,9677	— 0,05
16	9,8245	0,7375	0,3223	1,3037	9,9803	— 0,05
26	9,8467	0,7326	0,0751 *n*	1,3056	9,9925	— 0,05
36	9,8676	0,7218	0,6477 *n*	1,2937	0,0044	— 0,04

Tabula VIII.

1814.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,4404 n	0,7266	0,5093 n	1,2999	$-\infty$	—0,04
10	9,3836 n	0,7121	0,8068 n	1,2790	8,4362	—0,04
20	9,3226 n	0,6923	0,9724 n	1,2426	8,7373	—0,04
30	9,2586 n	0,6683	1,0813 n	1,1878	8,9134	—0,04
Febr. 9	9,1925 n	0,6418	1,1569 n	1,1094	9,0383	—0,04
19	9,1249 n	0,6150	1,2093 n	0,9971	9,1352	—0,04
Mart. 1	9,0553 n	0,5906	1,2438 n	0,8267	9,2144	—0,04
11	8,9814 n	0,5712	1,2632 n	0,5186	9,2813	—0,05
21	8,8973 n	0,5588	1,2690 n	9,2782 n	9,3393	—0,05
31	8,7920 n	0,5544	1,2619 n	0,5629 n	9,3905	—0,05
Apr. 10	8,6414 n	0,5575	1,2415 n	0,8447 n	9,4362	—0,05
20	8,3727 n	0,5665	1,2068 n	1,0047 n	9,4776	—0,05
30	6,8573 n	0,5790	1,1556 n	1,1113 n	9,5154	—0,05
Maj. 10	8,3999	0,5924	1,0835 n	1,1862 n	9,5502	—0,05
20	8,7317	0,6042	0,9823 n	1,2391 n	9,5824	—0,05
30	8,9310	0,6124	0,8339 n	1,2751 n	9,6123	—0,05
Jun. 9	9,0746	0,6155	0,5869 n	1,2969 n	9,6404	—0,05
19	9,1857	0,6125	9,9050 n	1,3061 n	9,6667	—0,05
29	9,2747	0,6029	0,3568	1,3033 n	9,6915	—0,05
Jul. 9	9,3472	0,5855	0,7234	1,2882 n	9,7150	—0,05
19	9,4067	0,5615	0,9117	1,2600 n	9,7373	—0,05
29	9,4556	0,5310	1,0338	1,2168 n	9,7585	—0,05
Aug. 8	9,4958	0,4953	1,1195	1,1550 n	9,7787	—0,05
18	9,5288	0,4563	1,1809	1,0682 n	9,7980	—0,05
28	9,5562	0,4168	1,2239	0,9431 n	9,8164	—0,05
Sept. 7	9,5794	0,3807	1,2519	0,7468 n	9,8342	—0,05
17	9,5996	0,3520	1,2664	0,3455 n	9,8512	—0,05
27	9,6182	0,3345	1,2682	0,0909	9,8676	—0,05
Oct. 7	9,6363	0,3299	1,2572	0,6688	9,8834	—0,05
17	9,6551	0,3377	1,2324	0,9019	9,8986	—0,05
27	9,6752	0,3546	1,1920	1,0442	9,9134	—0,06
Nov. 6	9,6970	0,3762	1,1323	1,1413	9,9276	—0,06
16	9,7204	0,3977	1,0468	1,2098	9,9414	—0,06
26	9,7450	0,4149	0,9224	1,2574	9,9547	—0,05
Dec. 6	9,7703	0,4247	0,7258	1,2880	9,9677	—0,05
16	9,7955	0,4246	0,3224	1,3037	9,9803	—0,05
26	9,8198	0,4128	0,0750 n	1,3056	9,9925	—0,05
36	9,8426	0,3881	0,6476 n	1,2937	0,0044	—0,05

Tabula VIII.

1815.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,5013 *n*	0,3990	0,5095 *n*	1,2999	$-\infty$	—0″,05
10	9,4509 *n*	0,3659	0,8068 *n*	1,2790	8,4362	—0,05
20	9,3975 *n*	0,3186	0,9724 *n*	1,2426	8,7373	—0,05
30	9,3423 *n*	0,2572	1,0813 *n*	1,1878	8,9134	—0,05
Febr. 9	9,2863 *n*	0,1827	1,1569 *n*	1,1094	9,0383	—0,05
19	9,2302 *n*	0,0977	1,2093 *n*	0,9971	9,1352	—0,05
Mart. 1	9,1737 *n*	0,0080	1,2438 *n*	0,8267	9,2144	—0,05
11	9,1151 *n*	9,9242	1,2632 *n*	0,5186	9,2813	—0,05
21	9,0858 *n*	9,8615	1,2690 *n*	9,2781 *n*	9,3393	—0,05
31	8,9754 *n*	9,8340	1,2619 *n*	0,5629 *n*	9,3905	—0,05
Apr. 10	8,8770 *n*	9,8453	1,2415 *n*	0,8447 *n*	9,4362	—0,06
20	8,7330 *n*	9,8857	1,2068 *n*	1,0047 *n*	9,4776	—0,06
30	8,4800 *n*	9,9391	1,1556 *n*	1,1113 *n*	9,5154	—0,06
Maj. 10	7,5289 *n*	9,9916	1,0835 *n*	1,1862 *n*	9,5502	—0,06
20	8,4221	0,0343	0,9823 *n*	1,2391 *n*	9,5824	—0,06
30	8,7698	0,0617	0,8339 *n*	1,2751 *n*	9,6123	—0,06
Jun. 9	8,9699	0,0705	0,5869 *n*	1,2969 *n*	9,6404	—0,05
19	9,1103	0,0575	9,9049 *n*	1,3061 *n*	9,6667	—0,05
29	9,2171	0,0185	0,3569	1,3033 *n*	9,6915	—0,05
Jul. 9	9,3012	9,9466	0,7234	1,2882 *n*	9,7150	—0,05
19	9,3688	9,8272	0,9117	1,2600 *n*	9,7373	—0,05
29	9,4236	9,6233	1,0339	1,2168 *n*	9,7585	—0,05
Aug. 8	9,4682	9,1682	1,1195	1,1550 *n*	9,7787	—0,05
18	9,5047	9,0994 *n*	1,1809	1,0682 *n*	9,7980	—0,05
28	9,5350	9,5775 *n*	1,2239	0,9431 *n*	9,8164	—0,05
Sept. 7	9,5605	9,7710 *n*	1,2519	0,7468 *n*	9,8342	—0,05
17	9,5827	9,8734 *n*	1,2664	0,5455 *n*	9,8512	—0,05
27	9,6031	9,9240 *n*	1,2682	0,0909	9,8676	—0,05
Oct. 7	9,6230	9,9370 *n*	1,2572	0,6688	9,8834	—0,06
17	9,6434	9,9186 *n*	1,2324	0,9019	9,8986	—0,06
27	9,6650	9,8722 *n*	1,1920	1,0442	9,9134	—0,06
Nov. 6	9,6882	9,8008 *n*	1,1323	1,1413	9,9276	—0,06
16	9,7129	9,7106 *n*	1,0468	1,2098	9,9414	—0,06
26	9,7388	9,6170 *n*	0,9224	1,2574	9,9547	—0,06
Dec. 6	9,7652	9,5517 *n*	0,7259	1,2880	9,9677	—0,06
16	9,7915	9,5540 *n*	0,3224	1,3037	9,9803	—0,05
26	9,8167	9,6335 *n*	0,0749 *n*	1,3056	9,9925	—0,05
36	9,8403	9,7585 *n*	0,6476 *n*	1,2937	0,0044	—0,05

Tabula VIII.

1816.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,5070 *n*	9,7088 *n*	0,5093 *n*	1,2999	— ∞	— 0,05
11	9,4557 *n*	9,8427 *n*	0,8068 *n*	1,2790	8,4362	— 0,05
21	9,4011 *n*	9,9711 *n*	0,9724 *n*	1,2426	8,7373	— 0,05
31	9,3444 *n*	0,0828 *n*	1,0813 *n*	1,1878	8,9134	— 0,05
Febr. 10	9,2863 *n*	0,1746 *n*	1,1569 *n*	1,1094	9,0383	— 0,05
20	9,2275 *n*	0,2468 *n*	1,2093 *n*	0,9971	9,1352	— 0,05
Mart. 1	9,1676 *n*	0,3006 *n*	1,2438 *n*	0,8267	9,2144	— 0,05
11	9,1046 *n*	0,3376 *n*	1,2632 *n*	0,5186	9,2813	— 0,05
21	9,0349 *n*	0,3593 *n*	1,2690 *n*	9,2780 *n*	9,3393	— 0,05
31	8,9510 *n*	0,3674 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,8397 *n*	0,3637 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	8,6711 *n*	0,3503 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,3420 *n*	0,3299 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,06
Maj. 10	7,7709	0,3060 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,06
20	8,5653	0,2830 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,05
30	8,8463	0,2660 *n*	0,8339 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,0239	0,2597 *n*	0,5869 *n*	1,2969 *n*	9,6404	— 0,05
19	9,1532	0,2670 *n*	9,9048 *n*	1,3061 *n*	9,6667	— 0,05
29	9,2534	0,2886 *n*	0,3569	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3334	0,3220 *n*	0,7234	1,2882 *n*	9,7150	— 0,05
19	9,3983	0,3630 *n*	0,9117	1,2600 *n*	9,7373	— 0,05
29	9,4912	0,4072 *n*	1,0339	1,2168 *n*	9,7585	— 0,05
Aug. 8	9,4946	0,4505 *n*	1,1195	1,1550 *n*	9,7787	— 0,05
18	9,5304	0,4900 *n*	1,1809	1,0682 *n*	9,7980	— 0,05
28	9,5601	0,5233 *n*	1,2239	0,9431 *n*	9,8164	— 0,05
Sept. 7	9,5853	0,5494 *n*	1,2519	0,7468 *n*	9,8342	— 0,05
17	9,6075	0,5676 *n*	1,2664	0,3455 *n*	9,8512	— 0,05
27	9,6278	0,5776 *n*	1,2682	0,0909	9,8676	— 0,05
Oct. 7	9,6476	0,5798 *n*	1,2572	0,6688	9,8834	— 0,05
17	9,6678	0,5749 *n*	1,2324	0,9019	9,8986	— 0,05
27	9,6891	0,5643 *n*	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,7119	0,5498 *n*	1,1323	1,1413	9,9276	— 0,05
16	9,7369	0,5341 *n*	1,0468	1,2098	9,9414	— 0,05
26	9,7615	0,5203 *n*	0,9224	1,2574	9,9547	— 0,05
Dec. 6	9,7873	0,5116 *n*	0,7259	1,2880	9,9677	— 0,05
16	9,8129	0,5108 *n*	0,3225	1,3037	9,9803	— 0,05
26	9,8376	0,5193 *n*	0,0749 *n*	1,3056	9,9925	— 0,05
36	9,8607	0,5367 *n*	0,6476 *n*	1,2938	0,0044	— 0,05

Tabula VIII.

1817.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	9,4601 *n*	0,5291 *n*	0,5093 *n*	1,2999	$-\infty$	— 0,05
10	9,4008 *n*	0,5512 *n*	0,8068 *n*	1,2790	8,4362	— 0,04
20	9,3365 *n*	0,5785 *n*	0,9723 *n*	1,2426	8,7373	— 0,04
30	9,2677 *n*	0,6079 *n*	1,0813 *n*	1,1878	8,9134	— 0,04
Febr. 9	9,1948 *n*	0,6364 *n*	1,1569 *n*	1,1094	9,0383	— 0,04
19	9,1178 *n*	0,6618 *n*	1,2093 *n*	0,9971	9,1352	— 0,04
Mart. 1	9,0352 *n*	0,6824 *n*	1,2438 *n*	0,8268	9,2144	— 0,04
11	8,9429 *n*	0,6973 *n*	1,2632 *n*	0,5186	9,2813	— 0,04
21	8,8315 *n*	0,7060 *n*	1,2690 *n*	9,2779 *n*	9,3393	— 0,04
31	8,6802 *n*	0,7038 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,4273 *n*	0,7062 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	7,5527 *n*	0,6992 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,3473	0,6892 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,05
Maj. 10	8,7079	0,6779 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,05
20	8,9180	0,6672 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,05
30	9,0688	0,6591 *n*	0,8339 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,1861	0,6552 *n*	0,5869 *n*	1,2969 *n*	9,6404	— 0,04
19	9,2813	0,6572 *n*	9,9048 *n*	1,3061 *n*	9,6667	— 0,04
29	9,3597	0,6650 *n*	0,3569	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4249	0,6781 *n*	0,7234	1,2882 *n*	9,7150	— 0,04
19	9,4795	0,6956 *n*	0,9117	1,2600 *n*	9,7373	— 0,04
29	9,5250	0,7156 *n*	1,0339	1,2168 *n*	9,7585	— 0,04
Aug. 8	9,5629	0,7364 *n*	1,1195	1,1550 *n*	9,7787	— 0,04
18	9,5946	0,7562 *n*	1,1809	1,0682 *n*	9,7980	— 0,04
28	9,6213	0,7736 *n*	1,2239	0,9431 *n*	9,8164	— 0,04
Sept. 7	9,6442	0,7875 *n*	1,2519	0,7468 *n*	9,8342	— 0,04
17	9,6643	0,7970 *n*	1,2664	0,3455 *n*	9,8512	— 0,04
27	9,6830	0,8020 *n*	1,2682	0,0909	9,8676	— 0,04
Oct. 7	9,7012	0,8023 *n*	1,2572	0,6688	9,8834	— 0,04
17	9,7198	0,7983 *n*	1,2324	0,9019	9,8986	— 0,04
27	9,7395	0,7910 *n*	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7604	0,7814 *n*	1,1323	1,1413	9,9276	— 0,04
16	9,7828	0,7711 *n*	1,0469	1,2098	9,9414	— 0,04
26	9,8061	0,7620 *n*	0,9224	1,2574	9,9547	— 0,04
Dec. 6	9,8300	0,7558 *n*	0,7259	1,2880	9,9677	— 0,04
16	9,8538	0,7542 *n*	0,3225	1,3037	9,9803	— 0,04
26	9,8768	0,7578 *n*	0,0748 *n*	1,3056	9,9925	— 0,04
36	9,8984	0,7667 *n*	0,6476 *n*	1,2938	0,0044	— 0,03

Tabula VIII.

1818.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
Jan. 0	9,3483 *n*	0,7628 *n*	0,5092 *n*	1,2999	$-\infty$	— 0,03
10	9,2682 *n*	0,7746 *n*	0,8068 *n*	1,2790	8,4362	— 0,03
20	9,1760 *n*	0,7899 *n*	0,9723 *n*	1,2426	8,7373	— 0,03
30	9,0696 *n*	0,8071 *n*	1,0813 *n*	1,1878	8,9134	— 0,03
Febr. 9	8,9445 *n*	0,8242 *n*	1,1569 *n*	1,1094	9,0383	— 0,03
19	8,7911 *n*	0,8398 *n*	1,2093 *n*	0,9971	9,1352	— 0,03
Mart. 1	8,5834 *n*	0,8525 *n*	1,2438 *n*	0,8268	9,2144	— 0,03
11	8,2251 *n*	0,8616 *n*	1,2632 *n*	0,5186	9,2813	— 0,03
21	7,5798	0,8665 *n*	1,2690 *n*	9,2777 *n*	9,3393	— 0,03
31	8,3893	0,8674 *n*	1,2619 *n*	0,5628 *n*	9,3905	— 0,03
Apr. 10	8,6663	0,8645 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,03
20	8,8468	0,8586 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,04
30	8,9860	0,8505 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,04
Maj. 10	9,1016	0,8416 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,04
20	9,2009	0,8331 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,03
30	9,2876	0,8264 *n*	0,8339 *n*	1,2751 *n*	9,6123	— 0,03
Jun. 9	9,3635	0,8226 *n*	0,5869 *n*	1,2969 *n*	9,6404	— 0,03
19	9,4301	0,8226 *n*	9,9047 *n*	1,3061 *n*	9,6667	— 0,03
29	9,4882	0,8266 *n*	0,3570	1,3033 *n*	9,6915	— 0,03
Jul. 9	9,5385	0,8345 *n*	0,7234	1,2882 *n*	9,7150	— 0,03
19	9,5818	0,8455 *n*	0,9117	1,2600 *n*	9,7373	— 0,03
29	9,6188	0,8586 *n*	1,0339	1,2168 *n*	9,7585	— 0,03
Aug. 8	9,6503	0,8724 *n*	1,1195	1,1550 *n*	9,7787	— 0,02
18	9,6770	0,8859 *n*	1,1809	1,0682 *n*	9,7980	— 0,02
28	9,6998	0,8977 *n*	1,2240	0,9431 *n*	9,8164	— 0,02
Sept. 7	9,7195	0,9071 *n*	1,2519	0,7468 *n*	9,8342	— 0,02
17	9,7370	0,9133 *n*	1,2664	0,3455 *n*	9,8512	— 0,03
27	9,7533	0,9160 *n*	1,2682	0,0909	9,8676	— 0,03
Oct. 7	9,7693	0,9151 *n*	1,2572	0,6688	9,8834	— 0,03
17	9,7857	0,9109 *n*	1,2324	0,9019	9,8986	— 0,03
27	9,8030	0,9041 *n*	1,1920	1,0442	9,9134	— 0,03
Nov. 6	9,8216	0,8955 *n*	1,1323	1,1413	9,9276	— 0,03
16	9,8414	0,8865 *n*	1,0469	1,2098	9,9414	— 0,03
26	9,8623	0,8782 *n*	0,9224	1,2574	9,9547	— 0,03
Dec. 6	9,8836	0,8723 *n*	0,7259	1,2880	9,9677	— 0,03
16	9,9050	0,8697 *n*	0,3225	1,3037	9,9803	— 0,02
26	9,9258	0,8712 *n*	0,0747 *n*	1,3056	9,9925	— 0,02
36	9,9454	0,8768 *n*	0,6476 *n*	1,2938	0,0044	— 0,02

Tabula VIII.

1819.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,1227 n	0,8732 n	0,5092 n	1,2999	$-\infty$	— 0,02
10	8,9756 n	0,8821 n	0,8068 n	1,2790	8,4362	— 0,02
20	8,7674 n	0,8929 n	0,9723 n	1,2426	8,7373	— 0,02
30	8,4052 n	0,9052 n	1,0815 n	1,1878	8,9134	— 0,02
Febr. 9	7,6513	0,9178 n	1,1569 n	1,1094	9,0383	— 0,02
19	8,4944	0,9292 n	1,2093 n	0,9971	9,1352	— 0,02
Mart. 1	8,7419	0,9384 n	1,2438 n	0,8268	9,2144	— 0,02
11	8,8878	0,9447 n	1,2632 n	0,5186	9,2813	— 0,02
21	8,9926	0,9477 n	1,2690 n	9,2776 n	9,3393	— 0,02
31	9,0774	0,9473 n	1,2619 n	0,5628 n	9,3905	— 0,02
Apr. 10	9,1518	0,9437 n	1,2415 n	0,8447 n	9,4362	— 0,02
20	9,2207	0,9376 n	1,2068 n	1,0047 n	9,4776	— 0,02
30	9,2861	0,9297 n	1,1556 n	1,1113 n	9,5154	— 0,02
Maj. 10	9,3488	0,9210 n	1,0835 n	1,1862 n	9,5502	— 0,02
20	9,4085	0,9127 n	0,9823 n	1,2391 n	9,5824	— 0,02
30	9,4649	0,9058 n	0,8339 n	1,2751 n	9,6123	— 0,02
Jun. 9	9,5174	0,9014 n	0,5868 n	1,2969 n	9,6404	— 0,02
19	9,5657	0,9000 n	9,9046 n	1,3061 n	9,6667	— 0,02
29	9,6094	0,9021 n	0,3570	1,3033 n	9,6915	— 0,01
Jul. 9	9,6484	0,9074 n	0,7235	1,2832 n	9,7150	— 0,01
19	9,6827	0,9154 n	0,9117	1,2600 n	9,7373	— 0,01
29	9,7127	0,9253 n	1,0339	1,2168 n	9,7585	— 0,01
Aug. 8	9,7385	0,9360 n	1,1195	1,1550 n	9,7787	— 0,01
18	9,7607	0,9464 n	1,1809	1,0682 n	9,7980	— 0,01
28	9,7798	0,9555 n	1,2240	0,9431 n	9,8164	— 0,01
Sept. 7	9,7965	0,9626 n	1,2519	0,7468 n	9,8342	— 0,01
17	9,8115	0,9669 n	1,2664	0,3455 n	9,8512	— 0,01
27	9,8255	0,9681 n	1,2682	0,0909	9,8676	— 0,01
Oct. 7	9,8393	0,9661 n	1,2572	0,6688	9,8834	— 0,01
17	9,8534	0,9612 n	1,2324	0,9019	9,8986	— 0,01
27	9,8685	0,9539 n	1,1920	1,0442	9,9134	— 0,01
Nov. 6	9,8847	0,9451 n	1,1323	1,1413	9,9276	— 0,01
16	9,9021	0,9357 n	1,0469	1,2098	9,9414	— 0,01
26	9,9204	0,9270 n	0,9224	1,2574	9,9547	— 0,01
Dec. 6	9,9393	0,9204 n	0,7259	1,2880	9,9677	— 0,01
16	9,9583	0,9167 n	0,3226	1,3037	9,9803	— 0,01
26	9,9768	0,9167 n	0,0747 n	1,3056	9,9925	— 0,01
36	9,9945	0,9204 n	0,6475 n	1,2938	0,0044	0,00

Tabula VIII.

1820.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
						″
Jan. 1	8,4365 *n*	0,9185 *n*	0,5092 *n*	1,2999	— ∞	0,00
11	8,0434	0,9243 *n*	0,8068 *n*	1,2790	8,4362	0,00
21	8,6749	0,9328 *n*	0,9723 *n*	1,2426	8,7373	0,00
31	8,9067	0,9428 *n*	1,0813 *n*	1,1878	8,9134	0,00
Febr. 10	9,0445	0,9531 *n*	1,1569 *n*	1,1094	9,0383	0,00
20	9,1390	0,9624 *n*	1,2093 *n*	0,9971	9,1352	0,00
Mart. 1	9,2093	0,9698 *n*	1,2438 *n*	0,8268	9,2144	0,00
11	9,2652	0,9745 *n*	1,2632 *n*	0,5186	9,2813	0,00
21	9,3127	0,9760 *n*	1,2690 *n*	9,2775 *n*	9,3393	0,00
31	9,3557	0,9744 *n*	1,2619 *n*	0,5628 *n*	9,3905	0,00
Apr. 10	9,3968	0,9699 *n*	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,4376	0,9628 *n*	1,2068 *n*	1,0047 *n*	9,4776	0,00
30	9,4787	0,9541 *n*	1,1556 *n*	1,1113 *n*	9,5154	0,00
Maj. 10	9,5201	0,9446 *n*	1,0835 *n*	1,1862 *n*	9,5502	0,00
20	9,5614	0,9354 *n*	0,9822 *n*	1,2391 *n*	9,5824	0,00
30	9,6020	0,9275 *n*	0,8339 *n*	1,2751 *n*	9,6123	0,00
Jun. 9	9,6410	0,9219 *n*	0,5868 *n*	1,2969 *n*	9,6404	0,00
19	9,6779	0,9192 *n*	9,9045 *n*	1,3061 *n*	9,6667	0,00
29	9,7121	0,9198 *n*	0,3570	1,3033 *n*	9,6915	0,00
Jul. 9	9,7433	0,9236 *n*	0,7235	1,2882 *n*	9,7150	0,00
19	9,7712	0,9300 *n*	0,9117	1,2600 *n*	9,7373	+ 0,01
29	9,7958	0,9382 *n*	1,0339	1,2168 *n*	9,7585	+ 0,01
Aug. 8	9,8173	0,9473 *n*	1,1196	1,1550 *n*	9,7787	+ 0,01
18	9,8360	0,9561 *n*	1,1809	1,0682 *n*	9,7980	+ 0,01
28	9,8521	0,9638 *n*	1,2240	0,9431 *n*	9,8164	+ 0,01
Sept. 7	9,8663	0,9695 *n*	1,2519	0,7467 *n*	9,8342	+ 0,01
17	9,8791	0,9725 *n*	1,2664	0,3455 *n*	9,8512	+ 0,01
27	9,8912	0,9724 *n*	1,2682	0,0910	9,8676	+ 0,01
Oct. 7	9,9031	0,9692 *n*	1,2572	0,6688	9,8834	+ 0,01
17	9,9153	0,9631 *n*	1,2324	0,9019	9,8986	+ 0,01
27	9,9284	0,9546 *n*	1,1920	1,0442	9,9134	0,00
Nov. 6	9,9426	0,9444 *n*	1,1323	1,1413	9,9276	0,00
16	9,9578	0,9336 *n*	1,0469	1,2098	9,9414	+ 0,01
26	9,9740	0,9236 *n*	0,9224	1,2574	9,9547	+ 0,01
Dec. 6	9,9907	0,9154 *n*	0,7259	1,2880	9,9677	+ 0,01
16	0,0076	0,9103 *n*	0,3226	1,3037	9,9803	+ 0,01
26	0,0242	0,9088 *n*	0,0746 *n*	1,3056	9,9925	+ 0,01
36	0,0407	0,9112 *n*	0,6475 *n*	1,2938	0,0044	+ 0,01

Tabula VIII.

1821.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,9128	0,9099 n	0,5092 n	1,2999	$-\infty$	+ 0,01
10	9,0797	0,9144 n	0,8067 n	1,2790	8,4362	+ 0,01
20	9,1940	0,9217 n	0,9723 n	1,2426	8,7373	+ 0,02
30	9,2778	0,9306 n	1,0813 n	1,1878	8,9134	+ 0,02
Febr. 9	9,3417	0,9398 n	1,1569 n	1,1094	9,0383	+ 0,02
19	9,3918	0,9481 n	1,2093 n	0,9971	9,1352	+ 0,02
Mart. 1	9,4323	0,9544 n	1,2438 n	0,8268	9,2144	+ 0,02
11	9,4665	0,9580 n	1,2632 n	0,5186	9,2813	+ 0,02
21	9,4968	0,9584 n	1,2690 n	9,2774 n	9,3393	+ 0,01
31	9,5252	0,9554 n	1,2619 n	0,5628 n	9,3905	+ 0,01
Apr. 10	9,5533	0,9494 n	1,2415 n	0,8447 n	9,4362	+ 0,01
20	9,5820	0,9407 n	1,2068 n	1,0047 n	9,4776	+ 0,01
30	9,6117	0,9301 n	1,1556 n	1,1113 n	9,5154	+ 0,01
Maj. 10	9,6424	0,9187 n	1,0835 n	1,1862 n	9,5502	+ 0,01
20	9,6738	0,9075 n	0,9822 n	1,2391 n	9,5824	+ 0,01
30	9,7053	0,8977 n	0,8339 n	1,2751 n	9,6123	+ 0,02
Jun. 9	9,7362	0,8902 n	0,5868 n	1,2969 n	9,6404	+ 0,02
19	9,7659	0,8858 n	9,9044 n	1,3061 n	9,6667	+ 0,02
29	9,7939	0,8850 n	0,3571	1,3033 n	9,6915	+ 0,02
Jul. 9	9,8197	0,8876 n	0,7235	1,2882 n	9,7150	+ 0,02
19	9,8431	0,8931 n	0,9117	1,2600 n	9,7373	+ 0,02
29	9,8640	0,9006 n	1,0339	1,2168 n	9,7585	+ 0,02
Aug. 8	9,8823	0,9091 n	1,1196	1,1550 n	9,7787	+ 0,03
18	9,8982	0,9174 n	1,1809	1,0682 n	9,7980	+ 0,03
28	9,9121	0,9245 n	1,2240	0,9431 n	9,8164	+ 0,03
Sept. 7	9,9244	0,9293 n	1,2519	0,7467 n	9,8342	+ 0,02
17	9,9355	0,9313 n	1,2664	0,3454 n	9,8512	+ 0,02
27	9,9459	0,9300 n	1,2682	0,0910	9,8676	+ 0,02
Oct. 7	9,9563	0,9251 n	1,2572	0,6688	9,8834	+ 0,02
17	9,9670	0,9170 n	1,2324	0,9019	9,8986	+ 0,02
27	9,9785	0,9061 n	1,1920	1,0442	9,9134	+ 0,02
Nov. 6	9,9910	0,8933 n	1,1323	1,1413	9,9276	+ 0,02
16	0,0045	0,8798 n	1,0469	1,2098	9,9414	+ 0,02
26	0,0189	0,8669 n	0,9224	1,2574	9,9547	+ 0,02
Dec. 6	0,0339	0,8561 n	0,7259	1,2880	9,9677	+ 0,02
16	0,0491	0,8486 n	0,3226	1,3037	9,9803	+ 0,03
26	0,0641	0,8454 n	0,0745 n	1,3056	9,9925	+ 0,03
36	0,0784	0,8466 n	0,6475 n	1,2938	0,0044	+ 0,03

Tabula VIII.

1822.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,2632	0,8457 n	0,5091 n	1,2999	$-\infty$	+ 0,03
10	9,3449	0,8493 n	0,8067 n	1,2790	8,4362	+ 0,03
20	9,4101	0,8563 n	0,9723 n	1,2426	8,7373	+ 0,03
30	9,4624	0,8652 n	1,0813 n	1,1878	8,9134	+ 0,03
Febr. 9	9,5047	0,8745 n	1,1569 n	1,1094	9,0383	+ 0,03
19	9,5392	0,8827 n	1,2093 n	0,9971	9,1352	+ 0,03
Mart. 1	9,5680	0,8887 n	1,2438 n	0,8268	9,2144	+ 0,03
11	9,5927	0,8915 n	1,2632 n	0,5187	9,2813	+ 0,03
21	9,6152	0,8905 n	1,2690 n	9,2773 n	9,3393	+ 0,03
31	9,6366	0,8857 n	1,2619 n	0,5628 n	9,3905	+ 0,03
Apr. 10	9,6580	0,8772 n	1,2415 n	0,8447 n	9,4362	+ 0,03
20	9,6803	0,8656 n	1,2068 n	1,0047 n	9,4776	+ 0,03
30	9,7038	0,8515 n	1,1556 n	1,1113 n	9,5154	+ 0,03
Maj. 10	9,7284	0,8363 n	1,0835 n	1,1862 n	9,5502	+ 0,03
20	9,7540	0,8212 n	0,9822 n	1,2391 n	9,5824	+ 0,03
30	9,7799	0,8076 n	0,8338 n	1,2751 n	9,6123	+ 0,03
Jun. 9	9,8058	0,7967 n	0,5868 n	1,2969 n	9,6404	+ 0,03
19	9,8310	0,7897 n	9,9043 n	1,3061 n	9,6667	+ 0,03
29	9,8549	0,7870 n	0,3571	1,3033 n	9,6915	+ 0,04
Jul. 9	9,8771	0,7886 n	0,7235	1,2882 n	9,7150	+ 0,04
19	9,8974	0,7939 n	0,9118	1,2600 n	9,7373	+ 0,04
29	9,9155	0,8018 n	1,0339	1,2168 n	9,7585	+ 0,04
Aug. 8	9,9315	0,8109 n	1,1196	1,1550 n	9,7787	+ 0,04
18	9,9456	0,8198 n	1,1809	1,0682 n	9,7980	+ 0,04
28	9,9578	0,8272 n	1,2240	0,9431 n	9,8164	+ 0,04
Sept. 7	9,9686	0,8319 n	1,2519	0,7467 n	9,8342	+ 0,04
17	9,9783	0,8329 n	1,2664	0,3454 n	9,8512	+ 0,04
27	9,9876	0,8298 n	1,2682	0,0910	9,8676	+ 0,04
Oct. 7	9,9967	0,8223 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0063	0,8105 n	1,2324	0,9019	9,8986	+ 0,03
27	0,0166	0,7951 n	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0278	0,7769 n	1,1323	1,1413	9,9276	+ 0,03
16	0,0400	0,7575 n	1,0469	1,2098	9,9414	+ 0,03
26	0,0530	0,7386 n	0,9224	1,2574	9,9547	+ 0,04
Dec. 6	0,0668	0,7223 n	0,7259	1,2880	9,9677	+ 0,04
16	0,0806	0,7104 n	0,3227	1,3037	9,9803	+ 0,04
26	0,0943	0,7042 n	0,0745 n	1,3056	9,9925	+ 0,04
36	0,1074	0,7041 n	0,6475 n	1,2938	0,0044	+ 0,04

Tabula VIII.

1823.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4254	0,7034 n	0,5091 n	1,2999	$-\infty$	$+0''$,04
10	9,4823	0,7068 n	0,8067 n	1,2790	8,4362	+ 0,04
20	9,5299	0,7147 n	0,9723 n	1,2426	8,7373	+ 0,04
30	9,5694	0,7253 n	1,0813 n	1,1878	8,9134	+ 0,04
Febr. 9	9,6021	0,7365 n	1,1569 n	1,1094	9,0383	+ 0,04
19	9,6292	0,7462 n	1,2093 n	0,9971	9,1352	+ 0,04
Mart. 1	9,6521	0,7529 n	1,2438 n	0,8268	9,2144	+ 0,04
11	9,6720	0,7552 n	1,2632 n	0,5187	9,2813	+ 0,04
21	9,6901	0,7524 n	1,2690 n	9,2771 n	9,3393	+ 0,04
31	9,7076	0,7443 n	1,2619 n	0,5628 n	9,3905	+ 0,04
Apr. 10	9,7253	0,7310 n	1,2415 n	0,8447 n	9,4362	+ 0,04
20	9,7439	0,7130 n	1,2068 n	1,0047 n	9,4776	+ 0,04
30	9,7637	0,6913 n	1,1556 n	1,1113 n	9,5154	+ 0,04
Maj. 10	9,7848	0,6673 n	1,0835 n	1,1862 n	9,5502	+ 0,04
20	9,8068	0,6430 n	0,9822 n	1,2391 n	9,5824	+ 0,04
30	9,8294	0,6204 n	0,8338 n	1,2751 n	9,6123	+ 0,04
Jun. 9	9,8520	0,6016 n	0,5868 n	1,2969 n	9,6404	+ 0,04
19	9,8743	0,5886 n	9,9042 n	1,3061 n	9,6667	+ 0,04
29	9,8956	0,5823 n	0,3571	1,3033 n	9,6915	+ 0,05
Jul. 9	9,9155	0,5829 n	0,7235	1,2882 n	9,7150	+ 0,05
19	9,9337	0,5894 n	0,9118	1,2600 n	9,7373	+ 0,05
29	9,9500	0,6002 n	1,0339	1,2168 n	9,7585	+ 0,05
Aug. 8	9,9645	0,6128 n	1,1196	1,1550 n	9,7787	+ 0,05
18	9,9771	0,6250 n	1,1809	1,0682 n	9,7980	+ 0,05
28	9,9881	0,6349 n	1,2240	0,9431 n	9,8164	+ 0,05
Sept. 7	9,9979	0,6405 n	1,2519	0,7467 n	9,8342	+ 0,05
17	0,0067	0,6405 n	1,2664	0,3454 n	9,8512	+ 0,05
27	0,0150	0,6341 n	1,2682	0,0910	9,8676	+ 0,05
Oct. 7	0,0233	0,6206 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0319	0,6000 n	1,2324	0,9019	9,8986	+ 0,04
27	0,0413	0,5728 n	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0516	0,5401 n	1,1323	1,1413	9,9276	+ 0,04
16	0,0628	0,5040 n	1,0469	1,2098	9,9414	+ 0,04
26	0,0749	0,4674 n	0,9225	1,2573	9,9547	+ 0,05
Dec. 6	0,0876	0,4342 n	0,7260	1,2880	9,9677	+ 0,05
16	0,1005	0,4083 n	0,3227	1,3037	9,9803	+ 0,05
26	0,1133	0,3933 n	0,0744 n	1,3056	9,9925	+ 0,05
36	0,1256	0,3906 n	0,6475 n	1,2938	0,0044	+ 0,05

Tabula VIII.

1824.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,5073	0,3902 *n*	0,5091 *n*	1,2999	$-\infty$	+ 0″,05
11	9,5539	0,3947 *n*	0,8067 *n*	1,2790	8,4362	+ 0,05
21	9,5936	0,4085 *n*	0,9723 *n*	1,2426	8,7373	+ 0,05
31	9,6270	0,4275 *n*	1,0813 *n*	1,1878	8,9134	+ 0,05
Febr. 10	9,6549	0,4474 *n*	1,1569 *n*	1,1094	9,0383	+ 0,05
20	9,6782	0,4642 *n*	1,2093 *n*	0,9971	9,1352	+ 0,05
Mart. 1	9,6979	0,4750 *n*	1,2438 *n*	0,8268	9,2144	+ 0,05
11	9,7151	0,4775 *n*	1,2632 *n*	0,5187	9,2813	+ 0,05
21	9,7309	0,4705 *n*	1,2690 *n*	9,2770 *n*	9,3393	+ 0,05
31	9,7461	0,4529 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7617	0,4245 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7781	0,3851 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7958	0,3353 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8148	0,2764 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8348	0,2110 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8555	0,1436 *n*	0,8338 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8763	0,0810 *n*	0,5868 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8969	0,0319 *n*	9,9041 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9166	0,0045 *n*	0,3572	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9351	0,0025 *n*	0,7235	1,2882 *n*	9,7150	+ 0,05
19	9,9520	0,0230 *n*	0,9118	1,2600 *n*	9,7373	+ 0,05
29	9,9673	0,0576 *n*	1,0339	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9808	0,0970 *n*	1,1196	1,1550 *n*	9,7787	+ 0,05
18	9,9925	0,1331 *n*	1,1809	1,0682 *n*	9,7980	+ 0,05
28	0,0027	0,1603 *n*	1,2240	0,9430 *n*	9,8164	+ 0,05
Sept. 7	0,0117	0,1743 *n*	1,2519	0,7467 *n*	9,8342	+ 0,05
17	0,0199	0,1720 *n*	1,2664	0,3454 *n*	9,8512	+ 0,05
27	0,0275	0,1503 *n*	1,2682	0,0910	9,8676	+ 0,05
Oct. 7	0,0352	0,1052 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0432	0,0308 *n*	1,2324	0,9019	9,8986	+ 0,05
27	0,0520	9,9162 *n*	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0616	9,7377 *n*	1,1323	1,1413	9,9276	+ 0,05
16	0,0723	9,4201 *n*	1,0469	1,2098	9,9414	+ 0,05
26	0,0837	7,1367	0,9225	1,2573	9,9547	+ 0,05
Dec. 6	0,0958	9,3503	0,7260	1,2880	9,9677	+ 0,05
16	0,1082	9,5877	0,3228	1,3037	9,9803	+ 0,05
26	0,1204	9,6811	0,0743 *n*	1,3056	9,9925	+ 0,05
36	0,1322	9,7000	0,6475 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1825.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,5345	9,7001	0,5091 *n*	1,2999	— ∞	+ 0″,05
10	9,5773	9,6823	0,8067 *n*	1,2790	8,4362	+ 0,05
20	9,6139	9,6086	0,9723 *n*	1,2426	8,7373	+ 0,06
30	9,6449	9,4719	1,0812 *n*	1,1878	8,9134	+ 0,06
Febr. 9	9,6707	9,2447	1,1569 *n*	1,1095	9,0383	+ 0,06
19	9,6923	8,8417	1,2093 *n*	0,9971	9,1352	+ 0,05
Mart. 1	9,7106	6,7482	1,2438 *n*	0,8268	9,2144	+ 0,05
11	9,7265	8,1202 *n*	1,2632 *n*	0,5187	9,2813	+ 0,05
21	9,7410	8,5891	1,2690 *n*	9,2769 *n*	9,3393	+ 0,05
31	9,7551	9,2019	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7696	9,5344	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7851	9,7602	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,8018	9,9249	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8198	0,0485	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8389	0,1413	0,9822 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8588	0,2096	0,8338 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8789	0,2574	0,5867 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8988	0,2876	9,9040 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9179	0,3023	0,3572	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9358	0,3035	0,7235	1,2882 *n*	9,7150	+ 0,05
19	9,9522	0,2930	0,9118	1,2600 *n*	9,7373	+ 0,05
29	9,9670	0,2733	1,0339	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9800	0,2475	1,1196	1,1550 *n*	9,7787	+ 0,05
18	9,9913	0,2200	1,1809	1,0681 *n*	9,7980	+ 0,05
28	0,0011	0,1963	1,2240	0,9430 *n*	9,8164	+ 0,05
Sept. 7	0,0097	0,1828	1,2519	0,7467 *n*	9,8342	+ 0,05
17	0,0174	0,1847	1,2664	0,3454 *n*	9,8512	+ 0,05
27	0,0247	0,2044	1,2682	0,0910	9,8676	+ 0,05
Oct. 7	0,0320	0,2404	1,2572	0,6688	9,8834	+ 0,05
17	0,0397	0,2875	1,2324	0,9019	9,8986	+ 0,05
27	0,0481	0,3396	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0575	0,3911	1,1323	1,1413	9,9276	+ 0,05
16	0,0678	0,4381	1,0469	1,2098	9,9414	+ 0,05
26	0,0790	0,4777	0,9225	1,2573	9,9547	+ 0,05
Dec. 6	0,0908	0,5083	0,7260	1,2880	9,9677	+ 0,05
16	0,1030	0,5293	0,3228	1,3037	9,9803	+ 0,05
26	0,1151	0,5407	0,0742 *n*	1,3056	9,9925	+ 0,05
36	0,1267	0,5428	0,6474 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1826.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5126	0,5430	0,5090 *n*	1,2999	$-\infty$	+ 0,05
10	9,5562	0,5400	0,8067 *n*	1,2790	8,4362	+ 0,05
20	9,5935	0,5300	0,9723 *n*	1,2426	8,7373	+ 0,05
30	9,6248	0,5151	1,0812 *n*	1,1878	8,9134	+ 0,05
Febr. 9	9,6509	0,4982	1,1569 *n*	1,1095	9,0383	+ 0,05
19	9,6725	0,4826	1,2093 *n*	0,9971	9,1352	+ 0,05
Mart. 1	9,6907	0,4718	1,2438 *n*	0,8268	9,2144	+ 0,05
11	9,7064	0,4690	1,2632 *n*	0,5187	9,2813	+ 0,05
21	9,7208	0,4758	1,2690 *n*	9,2768 *n*	9,3393	+ 0,05
31	9,7347	0,4921	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7491	0,5161	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7645	0,5451	1,2068 *n*	1,0047 *n*	9,4776	+ 0,04
30	9,7813	0,5761	1,1556 *n*	1,1113 *n*	9,5154	+ 0,04
Maj. 10	9,7995	0,6061	1,0835 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8188	0,6331	0,9822 *n*	1,2391 *n*	9,5824	+ 0,04
30	9,8390	0,6556	0,8338 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8594	0,6726	0,5867 *n*	1,2969 *n*	9,6404	+ 0,04
19	9,8796	0,6837	9,9039 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8990	0,6890	0,3572	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9171	0,6887	0,7236	1,2882 *n*	9,7150	+ 0,05
19	9,9338	0,6836	0,9118	1,2600 *n*	9,7373	+ 0,05
29	9,9487	0,6749	1,0339	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9616	0,6640	1,1196	1,1550 *n*	9,7787	+ 0,05
18	9,9731	0,6528	1,1809	1,0681 *n*	9,7980	+ 0,05
28	9,9829	0,6431	1,2240	0,9430 *n*	9,8164	+ 0,05
Sept. 7	9,9914	0,6373	1,2519	0,7467 *n*	9,8342	+ 0,05
17	9,9990	0,6371	1,2664	0,3454 *n*	9,8512	+ 0,04
27	0,0062	0,6430	1,2682	0,0910	9,8676	+ 0,04
Oct. 7	0,0134	0,6554	1,2572	0,6688	9,8834	+ 0,04
17	0,0210	0,6731	1,2324	0,9019	9,8986	+ 0,04
27	0,0294	0,6943	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0388	0,7169	1,1323	1,1413	9,9276	+ 0,04
16	0,0492	0,7388	1,0469	1,2098	9,9414	+ 0,04
26	0,0605	0,7581	0,9225	1,2573	9,9547	+ 0,04
Dec. 6	0,0725	0,7736	0,7260	1,2880	9,9677	+ 0,04
16	0,0849	0,7842	0,3228	1,3037	9,9803	+ 0,04
26	0,0971	0,7896	0,0742 *n*	1,3056	9,9925	+ 0,04
36	0,1089	0,7899	0,6474 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1827.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4347	0,7904	0,5090 *n*	1,2999	$-\infty$	+ 0,04
10	9,4851	0,7878	0,8067 *n*	1,2790	8,4362	+ 0,04
20	9,5275	0,7812	0,9723 *n*	1,2426	8,7373	+ 0,04
30	9,5626	0,7719	1,0812 *n*	1,1878	8,9134	+ 0,04
Febr. 9	9,5915	0,7615	1,1569 *n*	1,1095	9,0383	+ 0,04
19	9,6153	0,7520	1,2093 *n*	0,9971	9,1352	+ 0,04
Mart. 1	9,6350	0,7451	1,2438 *n*	0,8268	9,2144	+ 0,04
11	9,6520	0,7425	1,2632 *n*	0,5187	9,2813	+ 0,04
21	9,6674	0,7450	1,2690 *n*	9,2767 *n*	9,3393	+ 0,04
31	9,6823	0,7527	1,2619 *n*	0,5628 *n*	9,3905	+ 0,04
Apr. 10	9,6977	0,7649	1,2415 *n*	0,8447 *n*	9,4362	+ 0,03
20	9,7143	0,7804	1,2068 *n*	1,0047 *n*	9,4776	+ 0,03
30	9,7324	0,7975	1,1556 *n*	1,1113 *n*	9,5154	+ 0,03
Maj. 10	9,7520	0,8148	1,0835 *n*	1,1862 *n*	9,5502	+ 0,03
20	9,7729	0,8307	0,9822 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,7946	0,8440	0,8338 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8166	0,8541	0,5867 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8383	0,8605	9,9038 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8591	0,8629	0,3573	1,3032 *n*	9,6915	+ 0,04
Jul. 9	9,8784	0,8617	0,7236	1,2882 *n*	9,7150	+ 0,04
19	9,8961	0,8573	0,9118	1,2600 *n*	9,7373	+ 0,04
29	9,9119	0,8503	1,0339	1,2168 *n*	9,7585	+ 0,04
Aug. 8	9,9257	0,8420	1,1196	1,1550 *n*	9,7787	+ 0,04
18	9,9376	0,8334	1,1809	1,0681 *n*	9,7980	+ 0,04
28	9,9478	0,8259	1,2240	0,9430 *n*	9,8164	+ 0,04
Sept. 7	9,9566	0,8209	1,2519	0,7467 *n*	9,8342	+ 0,03
17	9,9645	0,8194	1,2664	0,3454 *n*	9,8512	+ 0,03
27	9,9719	0,8222	1,2682	0,0911	9,8676	+ 0,03
Oct. 7	9,9793	0,8291	1,2572	0,6688	9,8834	+ 0,03
17	9,9872	0,8398	1,2324	0,9019	9,8986	+ 0,03
27	9,9959	0,8532	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0057	0,8678	1,1323	1,1413	9,9276	+ 0,03
16	0,0166	0,8823	1,0469	1,2098	9,9414	+ 0,03
26	0,0285	0,8952	0,9225	1,2573	9,9547	+ 0,03
Dec. 6	0,0411	0,9054	0,7260	1,2879	9,9677	+ 0,03
16	0,0541	0,9122	0,3229	1,3037	9,9803	+ 0,03
26	0,0669	0,9151	0,0741 *n*	1,3056	9,9925	+ 0,03
36	0,0793	0,9143	0,6474 *n*	1,2938	0,0044	+ 0,03

Tabula VIII.

1828.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						$''$
Jan. 1	9,2736	0,9150	0,5090 n	1,2999	$-\infty$	+ 0,03
11	9,3434	0,9119	0,8067 n	1,2790	8,4362	+ 0,03
21	9,3998	0,9058	0,9723 n	1,2426	8,7373	+ 0,03
31	9,4453	0,8977	1,0812 n	1,1878	8,9134	+ 0,03
Febr. 10	9,4817	0,8887	1,1569 n	1,1095	9,0383	+ 0,03
20	9,5111	0,8804	1,2093 n	0,9971	9,1352	+ 0,03
Mart. 1	9,5352	0,8741	1,2438 n	0,8268	9,2144	+ 0,03
11	9,5556	0,8708	1,2632 n	0,5187	9,2813	+ 0,03
21	9,5740	0,8713	1,2690 n	9,2765 n	9,3393	+ 0,02
31	9,5917	0,8758	1,2619 n	0,5628 n	9,3905	+ 0,02
Apr. 10	9,6099	0,8837	1,2415 n	0,8447 n	9,4362	+ 0,02
20	9,6294	0,8943	1,2068 n	1,0048 n	9,4776	+ 0,02
30	9,6507	0,9063	1,1556 n	1,1113 n	9,5154	+ 0,02
Maj. 10	9,6737	0,9186	1,0835 n	1,1862 n	9,5502	+ 0,02
20	9,6981	0,9299	0,9822 n	1,2391 n	9,5824	+ 0,02
30	9,7232	0,9394	0,8338 n	1,2751 n	9,6123	+ 0,02
Jun. 9	9,7486	0,9464	0,5867 n	1,2969 n	9,6404	+ 0,02
19	9,7734	0,9504	9,9037 n	1,3061 n	9,6667	+ 0,02
29	9,7970	0,9512	0,3573	1,3032 n	9,6915	+ 0,02
Jul. 9	9,8189	0,9491	0,7236	1,2882 n	9,7150	+ 0,02
19	9,8388	0,9442	0,9118	1,2600 n	9,7373	+ 0,02
29	9,8564	0,9373	1,0339	1,2167 n	9,7585	+ 0,02
Aug. 8	9,8717	0,9292	1,1196	1,1550 n	9,7787	+ 0,02
18	9,8848	0,9209	1,1809	1,0681 n	9,7980	+ 0,02
28	9,8960	0,9135	1,2240	0,9430 n	9,8164	+ 0,02
Sept. 7	9,9057	0,9081	1,2519	0,7467 n	9,8342	+ 0,02
17	9,9143	0,9055	1,2664	0,3454 n	9,8512	+ 0,02
27	9,9223	0,9064	1,2682	0,0911	9,8676	+ 0,02
Oct. 7	9,9303	0,9108	1,2572	0,6688	9,8834	+ 0,01
17	9,9389	0,9184	1,2324	0,9019	9,8986	+ 0,01
27	9,9484	0,9282	1,1920	1,0442	9,9134	+ 0,01
Nov. 6	9,9591	0,9393	1,1323	1,1413	9,9276	+ 0,01
16	9,9711	0,9503	1,0469	1,2098	9,9414	+ 0,01
26	9,9840	0,9601	0,9225	1,2573	9,9547	+ 0,01
Dec. 6	9,9977	0,9677	0,7260	1,2879	9,9677	+ 0,01
16	0,0118	0,9723	0,3229	1,3037	9,9803	+ 0,01
26	0,0258	0,9737	0,0740 n	1,3056	9,9925	+ 0,01
36	0,0392	0,9717	0,6474 n	1,2938	0,0044	+ 0,01

Tabula VIII.

1829.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	8,9140	0,9728	0,5090 *n*	1,2999	$-\infty$	+ 0″,01
10	9,0583	0,9689	0,8067 *n*	1,2790	8,4362	+ 0,01
20	9,1600	0,9623	0,9723 *n*	1,2426	8,7373	+ 0,01
30	9,2352	0,9539	1,0812 *n*	1,1878	8,9134	+ 0,01
Febr. 9	9,2920	0,9447	1,1569 *n*	1,1095	9,0383	+ 0,01
19	9,3360	0,9360	1,2093 *n*	0,9972	9,1352	+ 0,01
Mart. 1	9,3708	0,9291	1,2438 *n*	0,8268	9,2144	+ 0,01
11	9,3997	0,9248	1,2632 *n*	0,5187	9,2813	+ 0,01
21	9,4252	0,9238	1,2690 *n*	9,2764 *n*	9,3393	+ 0,01
31	9,4494	0,9264	1,2619 *n*	0,5628 *n*	9,3905	+ 0,01
Apr. 10	9,4740	0,9321	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,5001	0,9402	1,2068 *n*	1,0048 *n*	9,4776	0,00
30	9,5281	0,9497	1,1556 *n*	1,1113 *n*	9,5154	0,00
Maj. 10	9,5579	0,9594	1,0835 *n*	1,1862 *n*	9,5502	0,00
20	9,5892	0,9685	0,9822 *n*	1,2391 *n*	9,5824	0,00
30	9,6210	0,9759	0,8338 *n*	1,2751 *n*	9,6123	0,00
Jun. 9	9,6526	0,9810	0,5867 *n*	1,2969 *n*	9,6404	0,00
19	9,6830	0,9835	9,9036 *n*	1,3061 *n*	9,6667	0,00
29	9,7117	0,9830	0,3573	1,3032 *n*	9,6915	0,00
Jul. 9	9,7381	0,9797	0,7236	1,2882 *n*	9,7150	0,00
19	9,7617	0,9739	0,9118	1,2600 *n*	9,7373	0,00
29	9,7825	0,9661	1,0339	1,2167 *n*	9,7585	0,00
Aug. 8	9,8004	0,9572	1,1196	1,1550 *n*	9,7787	0,00
18	9,8157	0,9480	1,1809	1,0681 *n*	9,7980	0,00
28	9,8287	0,9396	1,2240	0,9430 *n*	9,8164	0,00
Sept. 7	9,8398	0,9331	1,2519	0,7467 *n*	9,8342	0,00
17	9,8497	0,9292	1,2664	0,3453 *n*	9,8512	0,00
27	9,8589	0,9286	1,2683	0,0911	9,8676	0,00
Oct. 7	9,8681	0,9314	1,2572	0,6688	9,8834	0,00
17	9,8779	0,9371	1,2324	0,9019	9,8986	— 0,01
27	9,8888	0,9452	1,1920	1,0442	9,9134	— 0,01
Nov. 6	9,9009	0,9544	1,1323	1,1413	9,9276	— 0,01
16	9,9145	0,9637	1,0469	1,2098	9,9414	— 0,01
26	9,9292	0,9719	0,9225	1,2573	9,9547	— 0,01
Dec. 6	9,9447	0,9779	0,7260	1,2879	9,9677	— 0,01
16	9,9606	0,9812	0,3229	1,3037	9,9803	— 0,01
26	9,9762	0,9812	0,0740 *n*	1,3056	9,9925	— 0,01
36	9,9912	0,9780	0,6474 *n*	1,2938	0,0044	0,00

Tabula VIII.

1830.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,5111 n	0,9796	0,5089 n	1,2999	$-\infty$	$0''$,00
10	6,2305 n	0,9744	0,8066 n	1,2790	8,4362	0,00
20	8,4767	0,9665	0,9723 n	1,2426	8,7373	0,00
30	8,7578	0,9568	1,0812 n	1,1879	8,9134	0,00
Febr. 9	8,9100	0,9462	1,1569 n	1,1095	9,0383	0,00
19	9,0092	0,9361	1,2093 n	0,9972	9,1352	—0,01
Mart. 1	9,0801	0,9277	1,2438 n	0,8268	9,2144	—0,01
11	9,1349	0,9219	1,2632 n	0,5187	9,2813	—0,01
21	9,1808	0,9194	1,2690 n	9,2763 n	9,3393	—0,01
31	9,2225	0,9205	1,2619 n	0,5628 n	9,3905	—0,01
Apr. 10	9,2633	0,9248	1,2415 n	0,8447 n	9,4362	—0,01
20	9,3050	0,9316	1,2068 n	1,0048 n	9,4776	—0,01
30	9,3482	0,9398	1,1556 n	1,1113 n	9,5154	—0,02
Maj. 10	9,3928	0,9484	1,0835 n	1,1862 n	9,5502	—0,02
20	9,4379	0,9563	0,9822 n	1,2391 n	9,5824	—0,02
30	9,4825	0,9626	0,8338 n	1,2751 n	9,6123	—0,02
Jun. 9	9,5254	0,9665	0,5866 n	1,2969 n	9,6404	—0,02
19	9,5660	0,9677	9,9035 n	1,3061 n	9,6667	—0,01
29	9,6033	0,9658	0,3574	1,3032 n	9,6915	—0,01
Jul. 9	9,6396	0,9611	0,7236	1,2882 n	9,7150	—0,01
19	9,6667	0,9536	0,9118	1,2600 n	9,7373	—0,01
29	9,6926	0,9441	1,0339	1,2167 n	9,7585	—0,01
Aug. 8	9,7147	0,9332	1,1196	1,1550 n	9,7787	—0,01
18	9,7334	0,9221	1,1809	1,0681 n	9,7980	—0,01
28	9,7492	0,9117	1,2240	0,9430 n	9,8164	—0,01
Sept. 7	9,7627	0,9031	1,2519	0,7467 n	9,8342	—0,02
17	9,7746	0,8974	1,2664	0,3453 n	9,8512	—0,02
27	9,7857	0,8952	1,2683	0,0911	9,8676	—0,02
Oct. 7	9,7967	0,8966	1,2572	0,6688	9,8834	—0,02
17	9,8084	0,9014	1,2324	0,9019	9,8986	—0,02
27	9,8213	0,9086	1,1920	1,0442	9,9134	—0,02
Nov. 6	9,8356	0,9172	1,1323	1,1413	9,9276	—0,02
16	9,8515	0,9258	1,0469	1,2098	9,9414	—0,02
26	9,8686	0,9333	0,9225	1,2573	9,9547	—0,02
Dec. 6	9,8866	0,9386	0,7261	1,2879	9,9677	—0,02
16	9,9048	0,9408	0,3230	1,3037	9,9803	—0,02
26	9,9228	0,9394	0,0739 n	1,3056	9,9925	—0,02
36	9,9398	0,9344	0,6474 n	1,2938	0,0044	—0,02

Tabula VIII.

1831.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,1521 n	0,9367	0,5089 n	1,2999	$-\infty$	$-0''$,02
10	9,0387 n	0,9296	0,8066 n	1,2790	8,4362	— 0,02
20	8,8968 n	0,9194	0,9722 n	1,2426	8,7373	— 0,02
30	8,7095 n	0,9072	1,0812 n	1,1879	8,9134	— 0,02
Febr. 9	8,4288 n	0,8937	1,1569 n	1,1095	9,0383	— 0,02
19	7,7497 n	0,8808	1,2093 n	0,9972	9,1352	— 0,02
Mart. 1	8,1099	0,8696	1,2438 n	0,8269	9,2144	— 0,02
11	8,4686	0,8614	1,2632 n	0,5188	9,2813	— 0,02
21	8,6535	0,8569	1,2690 n	9,2762 n	9,3393	— 0,03
31	8,7834	0,8565	1,2619 n	0,5628 n	9,3905	— 0,03
Apr. 10	8,8898	0,8599	1,2415 n	0,8447 n	9,4362	— 0,03
20	8,9845	0,8662	1,2068 n	1,0048 n	9,4776	— 0,03
30	9,0721	0,8742	1,1556 n	1,1114 n	9,5154	— 0,03
Maj. 10	9,1541	0,8727	1,0835 n	1,1862 n	9,5502	— 0,03
20	9,2306	0,8904	0,9822 n	1,2391 n	9,5824	— 0,03
30	9,3014	0,8963	0,8338 n	1,2751 n	9,6123	— 0,03
Jun. 9	9,3659	0,8995	0,5866 n	1,2970 n	9,6404	— 0,03
19	9,4240	0,8994	9,9034 n	1,3061 n	9,6667	— 0,03
29	9,4757	0,8953	0,3574	1,3032 n	9,6915	— 0,03
Jul. 9	9,5209	0,8888	0,7236	1,2882 n	9,7150	— 0,03
19	9,5600	0,8785	0,9118	1,2600 n	9,7373	— 0,03
29	9,5934	0,8657	1,0339	1,2167 n	9,7585	— 0,03
Aug. 8	9,6216	0,8511	1,1196	1,1550 n	9,7787	— 0,03
18	9,6452	0,8360	1,1809	1,0681 n	9,7980	— 0,03
28	9,6650	0,8216	1,2240	0,9430 n	9,8164	— 0,03
Sept. 7	9,6818	0,8095	1,2519	0,7467 n	9,8342	— 0,03
17	9,6966	0,8007	1,2664	0,3453 n	9,8512	— 0,03
27	9,7103	0,7962	1,2683	0,0911	9,8676	— 0,03
Oct. 7	9,7239	0,7963	1,2572	0,6688	9,8834	— 0,04
17	9,7381	0,8006	1,2325	0,9019	9,8986	— 0,04
27	9,7537	0,8081	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7708	0,8173	1,1323	1,1413	9,9276	— 0,04
16	9,7896	0,8267	1,0469	1,2098	9,9414	— 0,04
26	9,8097	0,8346	0,9225	1,2573	9,9547	— 0,04
Dec. 6	9,8306	0,8397	0,7261	1,2879	9,9677	— 0,04
16	9,8517	0,8410	0,3230	1,3037	9,9803	— 0,04
26	9,8723	0,8378	0,0739 n	1,3056	9,9925	— 0,04
36	9,8917	0,8301	0,6473 n	1,2938	0,0044	— 0,04

Tabula VIII.

1832.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,3680 n	0,8335	0,5089 n	1,2999	$-\infty$	$-0,04$
11	9,3012 n	0,8230	0,8066 n	1,2791	8,4362	$-0,03$
21	9,2277 n	0,8084	0,9722 n	1,2426	8,7373	$-0,03$
31	9,1481 n	0,7908	1,0812 n	1,1879	8,9134	$-0,03$
Febr. 10	9,0628 n	0,7717	1,1569 n	1,1095	9,0383	$-0,03$
20	8,9716 n	0,7528	1,2093 n	0,9972	9,1352	$-0,04$
Mart. 1	8,8731 n	0,7359	1,2438 n	0,8269	9,2144	$-0,04$
11	8,7575 n	0,7229	1,2632 n	0,5188	9,2813	$-0,04$
21	8,6118 n	0,7150	1,2690 n	9,2760 n	9,3393	$-0,04$
31	8,3890 n	0,7127	1,2619 n	0,5628 n	9,3905	$-0,04$
Apr. 10	7,8389 n	0,7156	1,2415 n	0,8447 n	9,4362	$-0,04$
20	8,1055	0,7226	1,2068 n	1,0048 n	9,4776	$-0,04$
30	8,5446	0,7321	1,1556 n	1,1114 n	9,5154	$-0,04$
Maj. 10	8,7805	0,7422	1,0834 n	1,1862 n	9,5502	$-0,04$
20	8,9472	0,7513	0,9822 n	1,2391 n	9,5824	$-0,04$
30	9,0770	0,7578	0,8338 n	1,2751 n	9,6123	$-0,04$
Jun. 9	9,1825	0,7607	0,5866 n	1,2970 n	9,6404	$-0,04$
19	9,2702	0,7591	9,9034 n	1,3061 n	9,6667	$-0,04$
29	9,3436	0,7527	0,3575	1,3032 n	9,6915	$-0,04$
Jul. 9	9,4052	0,7413	0,7236	1,2882 n	9,7150	$-0,04$
19	9,4568	0,7253	0,9118	1,2600 n	9,7373	$-0,04$
29	9,4998	0,7052	1,0340	1,2167 n	9,7585	$-0,04$
Aug. 8	9,5355	0,6823	1,1196	1,1550 n	9,7787	$-0,04$
18	9,5651	0,6580	1,1809	1,0681 n	9,7980	$-0,04$
28	9,5897	0,6344	1,2240	0,9430 n	9,8164	$-0,04$
Sept. 7	9,6105	0,6136	1,2519	0,7467 n	9,8342	$-0,04$
17	9,6287	0,5978	1,2664	0,3453 n	9,8512	$-0,04$
27	9,6455	0,5887	1,2683	0,0911	9,8676	$-0,04$
Oct. 7	9,6621	0,5869	1,2572	0,6688	9,8834	$-0,05$
17	9,6792	0,5919	1,2325	0,9019	9,8986	$-0,05$
27	9,6977	0,6021	1,1920	1,0442	9,9134	$-0,05$
Nov. 6	9,7179	0,6150	1,1323	1,1413	9,9276	$-0,05$
16	9,7398	0,6281	1,0469	1,2098	9,9414	$-0,05$
26	9,7629	0,6390	0,9225	1,2573	9,9547	$-0,05$
Dec. 6	9,7868	0,6453	0,7261	1,2879	9,9677	$-0,05$
16	9,8107	0,6458	0,3231	1,3037	9,9803	$-0,05$
26	9,8338	0,6393	0,0738 n	1,3056	9,9925	$-0,04$
36	9,8555	0,6254	0,6473 n	1,2938	0,0044	$-0,04$

Tabula VIII.

1833.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *r*	*E*
						″
Jan. 0	9,4714 *n*	0,6315	0,5089 *n*	1,2999	— ∞	— 0,04
10	9,4182 *n*	0,6129	0,8066 *n*	1,2791	8,4362	— 0,04
20	9,3614 *n*	0,5874	0,9722 *n*	1,2426	8,7373	— 0,04
30	9,3025 *n*	0,5560	1,0812 *n*	1,1879	8,9134	— 0,04
Febr. 9	9,2422 *n*	0,5207	1,1569 *n*	1,1095	9,0383	— 0,04
19	9,1814 *n*	0,4843	1,2093 *n*	0,9972	9,1352	— 0,04
Mart. 1	9,1179 *n*	0,4503	1,2438 *n*	0,8269	9,2144	— 0,04
11	9,0552 *n*	0,4225	1,2632 *n*	0,5188	9,2813	— 0,05
21	8,9838 *n*	0,4043	1,2690 *n*	9,2759 *n*	9,3393	— 0,05
31	8,8974 *n*	0,3972	1,2619 *n*	0,5628 *n*	9,3905	— 0,05
Apr. 10	8,7813 *n*	0,4009	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	8,6005 *n*	0,4132	1,2068 *n*	1,0048 *n*	9,4776	— 0,05
30	8,2199 *n*	0,4302	1,1556 *n*	1,1114 *n*	9,5154	— 0,05
Maj. 10	7,9836	0,4484	1,0834 *n*	1,1862 *n*	9,5502	— 0,05
20	8,5889	0,4642	0,9822 *n*	1,2391 *n*	9,5824	— 0,05
30	8,8489	0,4750	0,8338 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,0188	0,4788	0,5866 *n*	1,2970 *n*	9,6404	— 0,05
19	9,1443	0,4741	9,9033 *n*	1,3061 *n*	9,6667	— 0,05
29	9,2423	0,4599	0,3575	1,3032 *n*	9,6915	— 0,05
Jul. 9	9,3207	0,4355	0,7237	1,2882 *n*	9,7150	— 0,05
19	9,3844	0,4006	0,9119	1,2600 *n*	9,7373	— 0,05
29	9,4364	0,3552	1,0340	1,2167 *n*	9,7585	— 0,04
Aug. 8	9,4788	0,2998	1,1196	1,1550 *n*	9,7787	— 0,04
18	9,5137	0,2363	1,1809	1,0681 *n*	9,7980	— 0,04
28	9,5425	0,1679	1,2240	0,9430 *n*	9,8164	— 0,05
Sept. 7	9,5668	0,1007	1,2519	0,7466 *n*	9,8342	— 0,05
17	9,5881	0,0434	1,2664	0,3453 *n*	9,8512	— 0,05
27	9,6076	0,0059	1,2683	0,0911	9,8676	— 0,05
Oct. 7	9,6266	9,9952	1,2572	0,6688	9,8834	— 0,05
17	9,6462	0,0108	1,2325	0,9019	9,8986	— 0,05
27	9,6671	0,0452	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,6896	0,0874	1,1323	1,1413	9,9276	— 0,05
16	9,7137	0,1276	1,0469	1,2098	9,9414	— 0,05
26	9,7390	0,1586	0,9225	1,2573	9,9547	— 0,05
Dec. 6	9,7650	0,1756	0,7261	1,2879	9,9677	— 0,05
16	9,7903	0,1750	0,3231	1,3037	9,9803	— 0,05
26	9,8156	0,1534	0,0737 *n*	1,3056	9,9925	— 0,05
36	9,8389	0,1071	0,6473 *n*	1,2938	0,0044	— 0,05

Tabula VIII.

1834.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,5097 n	0,1277	0,5088 n	1,2999	$-\infty$	— 0,05
10	9,4597 n	0,0631	0,8066 n	1,2791	8,4362	— 0,05
20	9,4067 n	9,9619	0,9722 n	1,2426	8,7373	— 0,05
30	9,3520 n	9,8065	1,0812 n	1,1879	8,9134	— 0,05
Febr. 9	9,2964 n	9,5494	1,1569 n	1,1095	9,0383	— 0,05
19	9,2406 n	8,9165	1,2093 n	0,9972	9,1352	— 0,05
Mart. 1	9,1843 n	9,1819 n	1,2438 n	0,8269	9,2144	— 0,05
11	9,1260 n	9,5203 n	1,2632 n	0,5188	9,2813	— 0,05
21	9,0622 n	9,6483 n	1,2690 n	9,2758 n	9,3393	— 0,05
31	8,9868 n	9,6903 n	1,2619 n	0,5628 n	9,3905	— 0,05
Apr. 10	8,8890 n	9,6743 n	1,2415 n	0,8447 n	9,4362	— 0,05
20	8,7469 n	9,6069 n	1,2068 n	1,0048 n	9,4776	— 0,05
30	8,4990 n	9,4830 n	1,1556 n	1,1114 n	9,5154	— 0,05
Maj. 10	7,6325 n	9,2843 n	1,0834 n	1,1862 n	9,5502	— 0,05
20	8,4136	8,9599 n	0,9822 n	1,2391 n	9,5824	— 0,05
30	8,7692	8,3111 n	0,8337 n	1,2751 n	9,6123	— 0,05
Jun. 9	8,9713	7,5079	0,5866 n	1,2970 n	9,6404	— 0,05
19	9,1128	8,4955 n	9,9032 n	1,3061 n	9,6667	— 0,05
29	9,2200	9,1104 n	0,3575	1,3032 n	9,6915	— 0,05
Jul. 9	9,3045	9,4591 n	0,7237	1,2882 n	9,7150	— 0,05
19	9,3723	9,6988 n	0,9119	1,2600 n	9,7373	— 0,05
29	9,4273	9,8755 n	1,0340	1,2167 n	9,7585	— 0,05
Aug. 8	9,4722	0,0098 n	1,1196	1,1549 n	9,7787	— 0,05
18	9,5089	0,1122 n	1,1809	1,0681 n	9,7980	— 0,05
28	9,5394	0,1892 n	1,2240	0,9430 n	9,8164	— 0,05
Sept. 7	9,5651	0,2448 n	1,2519	0,7466 n	9,8342	— 0,05
17	9,5876	0,2817 n	1,2664	0,3453 n	9,8512	— 0,05
27	9,6082	0,3019 n	1,2683	0,0911	9,8676	— 0,05
Oct. 7	9,6283	0,3071 n	1,2572	0,6688	9,8834	— 0,05
17	9,6488	0,2990 n	1,2325	0,9019	9,8986	— 0,05
27	9,6705	0,2799 n	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,6937	0,2530 n	1,1323	1,1413	9,9276	— 0,05
16	9,7185	0,2228 n	1,0469	1,2098	9,9414	— 0,05
26	9,7444	0,1956 n	0,9225	1,2573	9,9547	— 0,05
Dec. 6	9,7708	0,1787 n	0,7261	1,2879	9,9677	— 0,05
16	9,7969	0,1786 n	0,3231	1,3037	9,9803	— 0,05
26	9,8221	0,1982 n	0,0736 n	1,3056	9,9925	— 0,05
36	9,8457	0,2356 n	0,6473 n	1,2938	0,0044	— 0,05

Tabula VIII.

1835.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4953 n	0,2197 n	0,5088 n	1,2999	$-\infty$	$-0,05$
10	9,4420 n	0,2650 n	0,8066 n	1,2791	8,4362	$-0,04$
20	9,3849 n	0,3176 n	0,9722 n	1,2426	8,7373	$-0,04$
30	9,3249 n	0,3710 n	1,0812 n	1,1879	8,9134	$-0,04$
Febr. 9	9,2632 n	0,4203 n	1,1569 n	1,1095	9,0383	$-0,04$
19	9,1999 n	0,4624 n	1,2093 n	0,9972	9,1352	$-0,04$
Mart. 1	9,1344 n	0,4955 n	1,2438 n	0,8269	9,2144	$-0,04$
11	9,0647 n	0,5191 n	1,2632 n	0,5188	9,2813	$-0,05$
21	8,9858 n	0,5332 n	1,2690 n	9,2757 n	9,3393	$-0,05$
31	8,8887 n	0,5382 n	1,2619 n	0,5628 n	9,3905	$-0,05$
Apr. 10	8,7544 n	0,5353 n	1,2415 n	0,8447 n	9,4362	$-0,05$
20	8,5342 n	0,5259 n	1,2068 n	1,0048 n	9,4776	$-0,05$
30	7,9504 n	0,5119 n	1,1556 n	1,1114 n	9,5154	$-0,05$
Maj. 10	8,2867	0,4959 n	1,0834 n	1,1862 n	9,5502	$-0,05$
20	8,7037	0,4807 n	0,9822 n	1,2391 n	9,5824	$-0,05$
30	8,9262	0,4695 n	0,8337 n	1,2751 n	9,6123	$-0,05$
Jun. 9	9,0800	0,4650 n	0,5866 n	1,2970 n	9,6404	$-0,05$
19	9,1966	0,4690 n	9,9031 n	1,3061 n	9,6667	$-0,05$
29	9,2890	0,4821 n	0,3576	1,3032 n	9,6915	$-0,04$
Jul. 9	9,3639	0,5032 n	0,7237	1,2882 n	9,7150	$-0,04$
19	9,4252	0,5302 n	0,9119	1,2600 n	9,7373	$-0,04$
29	9,4757	0,5603 n	1,0340	1,2167 n	9,7585	$-0,04$
Aug. 8	9,5173	0,5907 n	1,1196	1,1549 n	9,7787	$-0,04$
18	9,5517	0,6191 n	1,1809	1,0681 n	9,7980	$-0,04$
28	9,5805	0,6437 n	1,2240	0,9430 n	9,8164	$-0,04$
Sept. 7	9,6050	0,6632 n	1,2519	0,7466 n	9,8342	$-0,04$
17	9,6265	0,6768 n	1,2664	0,3453 n	9,8512	$-0,04$
27	9,6464	0,6842 n	1,2683	0,0912	9,8676	$-0,04$
Oct. 7	9,6657	0,6855 n	1,2572	0,6688	9,8834	$-0,05$
17	9,6854	0,6813 n	1,2325	0,9019	9,8986	$-0,05$
27	9,7062	0,6725 n	1,1920	1,0442	9,9134	$-0,05$
Nov. 6	9,7284	0,6608 n	1,1323	1,1413	9,9276	$-0,05$
16	9,7520	0,6482 n	1,0469	1,2098	9,9414	$-0,05$
26	9,7767	0,6371 n	0,9225	1,2573	9,9547	$-0,04$
Dec. 6	9,8019	0,6300 n	0,7261	1,2879	9,9677	$-0,04$
16	9,8269	0,6288 n	0,3232	1,3037	9,9803	$-0,04$
26	9,8510	0,6347 n	0,0736 n	1,3056	9,9925	$-0,04$
36	9,8736	0,6475 n	0,6473 n	1,2938	0,0044	$-0,04$

Tabula VIII.

1836.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 1	9,4259 n	0,6420 n	0,5088 n	1,2999	$-\infty$	— 0,04
11	9,3608 n	0,6585 n	0,8066 n	1,2791	8,4362	— 0,04
21	9,2889 n	0,6795 n	0,9722 n	1,2427	8,7373	— 0,04
31	9,2105 n	0,7024 n	1,0812 n	1,1879	8,9134	— 0,04
Febr. 10	9,1254 n	0,7251 n	1,1569 n	1,1095	9,0383	— 0,04
20	9,0323 n	0,7454 n	1,2093 n	0,9972	9,1352	— 0,04
Mart. 1	8,9277 n	0,7621 n	1,2438 n	0,8269	9,2144	— 0,04
11	8,8032 n	0,7740 n	1,2632 n	0,5188	9,2813	— 0,04
21	8,6376 n	0,7809 n	1,2690 n	9,2756 n	9,3393	— 0,04
31	8,3644 n	0,7828 n	1,2619 n	0,5628 n	9,3905	— 0,04
Apr. 10	7,2330 n	0,7802 n	1,2415 n	0,8447 n	9,4362	— 0,04
20	8,3379	0,7738 n	1,2068 n	1,0048 n	9,4776	— 0,04
30	8,6805	0,7649 n	1,1556 n	1,1114 n	9,5154	— 0,04
Maj. 10	8,8866	0,7549 n	1,0834 n	1,1862 n	9,5502	— 0,04
20	9,0377	0,7455 n	0,9822 n	1,2391 n	9,5824	— 0,04
30	9,1576	0,7383 n	0,8337 n	1,2751 n	9,6123	— 0,04
Jun. 9	9,2563	0,7346 n	0,5865 n	1,2970 n	9,6404	— 0,04
19	9,3390	0,7356 n	9,9030 n	1,3061 n	9,6667	— 0,04
29	9,4089	0,7416 n	0,3576	1,3032 n	9,6915	— 0,03
Jul. 9	9,4681	0,7521 n	0,7237	1,2882 n	9,7150	— 0,03
19	9,5181	0,7663 n	0,9119	1,2600 n	9,7373	— 0,03
29	9,5603	0,7829 n	1,0340	1,2167 n	9,7585	— 0,03
Aug. 8	9,5957	0,8003 n	1,1196	1,1549 n	9,7787	— 0,03
18	9,6255	0,8169 n	1,1810	1,0681 n	9,7980	— 0,03
28	9,6506	0,8316 n	1,2240	0,9430 n	9,8164	— 0,03
Sept. 7	9,6723	0,8433 n	1,2519	0,7466 n	9,8342	— 0,03
17	9,6915	0,8513 n	1,2664	0,3452 n	9,8512	— 0,03
27	9,7093	0,8553 n	1,2683	0,0912	9,8676	— 0,03
Oct. 7	9,7266	0,8551 n	1,2572	0,6688	9,8834	— 0,03
17	9,7444	0,8511 n	1,2325	0,9019	9,8986	— 0,03
27	9,7632	0,8441 n	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7833	0,8352 n	1,1323	1,1413	9,9276	— 0,04
16	9,8046	0,8256 n	1,0469	1,2098	9,9414	— 0,03
26	9,8271	0,8170 n	0,9225	1,2573	9,9547	— 0,03
Dec. 6	9,8500	0,8111 n	0,7261	1,2879	9,9677	— 0,03
16	9,8729	0,8091 n	0,3232	1,3037	9,9803	— 0,03
26	9,8950	0,8117 n	0,0735 n	1,3056	9,9925	— 0,03
36	9,9159	0,8191 n	0,6472 n	1,2938	0,0044	— 0,03

Tabula VIII.

1837.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,2799 n	0,8158 n	0,5038 n	1,2999	$-\infty$	—0,03
10	9,1837 n	0,8257 n	0,8056 n	1,2791	8,4362	—0,03
20	9,0681 n	0,8388 n	0,9722 n	1,2427	8,7373	—0,03
30	8,9250 n	0,8537 n	1,0812 n	1,1879	8,9134	—0,02
Febr. 9	8,7366 n	0,8687 n	1,1569 n	1,1095	9,0383	—0,02
19	8,4484 n	0,8823 n	1,2093 n	0,9972	9,1352	—0,02
Mart. 1	7,6405 n	0,8934 n	1,2438 n	0,8269	9,2144	—0,02
11	8,2403	0,9012 n	1,2632 n	0,5188	9,2813	—0,03
21	8,5821	0,9053 n	1,2690 n	9,2754 n	9,3393	—0,03
31	8,7718	0,9056 n	1,2619 n	0,5628 n	9,3905	—0,03
Apr. 10	8,9096	0,9025 n	1,2415 n	0,8447 n	9,4362	—0,03
20	9,0225	0,8966 n	1,2068 n	1,0048 n	9,4776	—0,03
30	9,1210	0,8887 n	1,1556 n	1,1114 n	9,5154	—0,03
Maj. 10	9,2091	0,8800 n	1,0834 n	1,1862 n	9,5502	—0,03
20	9,2889	0,8717 n	0,9822 n	1,2391 n	9,5824	—0,03
30	9,3613	0,8651 n	0,8337 n	1,2751 n	9,6123	—0,03
Jun. 9	9,4266	0,8611 n	0,5865 n	1,2970 n	9,6404	—0,02
19	9,4850	0,8605 n	9,9029 n	1,3061 n	9,6667	—0,02
29	9,5368	0,8637 n	0,3576	1,3032 n	9,6915	—0,02
Jul. 9	9,5823	0,8704 n	0,7237	1,2882 n	9,7150	—0,02
19	9,6219	0,8801 n	0,9119	1,2600 n	9,7373	—0,02
29	9,6560	0,8916 n	1,0340	1,2167 n	9,7585	—0,02
Aug. 8	9,6851	0,9040 n	1,1196	1,1549 n	9,7787	—0,02
18	9,7099	0,9160 n	1,1810	1,0681 n	9,7980	—0,02
28	9,7312	0,9266 n	1,2240	0,9430 n	9,8164	—0,02
Sept. 7	9,7497	0,9349 n	1,2519	0,7466 n	9,8342	—0,02
17	9,7662	0,9403 n	1,2664	0,3452 n	9,8512	—0,02
27	9,7816	0,9424 n	1,2683	0,0912	9,8676	—0,02
Oct. 7	9,7967	0,9411 n	1,2572	0,6688	9,8834	—0,02
17	9,8122	0,9367 n	1,2325	0,9019	9,8986	—0,02
27	9,8287	0,9298 n	1,1920	1,0442	9,9134	—0,02
Nov. 6	9,8463	0,9212 n	1,1323	1,1413	9,9276	—0,02
16	9,8651	0,9121 n	1,0469	1,2098	9,9414	—0,02
26	9,8850	0,9038 n	0,9226	1,2573	9,9547	—0,02
Dec. 6	9,9054	0,8977 n	0,7261	1,2879	9,9677	—0,02
16	9,9258	0,8947 n	0,3232	1,3037	9,9803	—0,02
26	9,9457	0,8956 n	0,0734 n	1,3056	9,9925	—0,01
36	9,9645	0,9003 n	0,6472 n	1,2938	0,0044	—0,01

Tabula VIII.

1838.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	8,9688 n	0,8981 n	0,5087 n	1,2999	$-\infty$	—0,01
10	8,7389 n	0,9051 n	0,8065 n	1,2791	8,4362	—0,01
20	8,2714 n	0,9148 n	0,9722 n	1,2427	8,7373	—0,01
30	8,1635	0,9260 n	1,0812 n	1,1879	8,9134	—0,01
Febr. 9	8,6493	0,9375 n	1,1568 n	1,1095	9,0383	—0,01
19	8,8541	0,9479 n	1,2093 n	0,9972	9,1352	—0,01
Mart. 1	8,9803	0,9563 n	1,2438 n	0,8269	9,2144	—0,01
11	9,0709	0,9619 n	1,2632 n	0,5188	9,2813	—0,01
21	9,1428	0,9643 n	1,2690 n	9,2753 n	9,3393	—0,01
31	9,2047	0,9681 n	1,2619 n	0,5628 n	9,3905	—0,01
Apr. 10	9,2616	0,9595 n	1,2415 n	0,8447 n	9,4362	—0,01
20	9,3162	0,9531 n	1,2068 n	1,0048 n	9,4776	—0,01
30	9,3697	0,9450 n	1,1556 n	1,1114 n	9,5154	—0,01
Maj. 10	9,4222	0,9361 n	1,0834 n	1,1862 n	9,5502	—0,01
20	9,4733	0,9276 n	0,9822 n	1,2391 n	9,5824	—0,01
30	9,5224	0,9204 n	0,8337 n	1,2751 n	9,6123	—0,01
Jun. 9	9,5689	0,9156 n	0,5865 n	1,2970 n	9,6404	—0,01
19	9,6121	0,9137 n	9,9028 n	1,3061 n	9,6667	—0,01
29	9,6516	0,9152 n	0,3577	1,3032 n	9,6915	—0,01
Jul. 9	9,6872	0,9198 n	0,7237	1,2882 n	9,7150	—0,01
19	9,7188	0,9271 n	0,9119	1,2600 n	9,7373	0,00
29	9,7465	0,9362 n	1,0340	1,2167 n	9,7585	0,00
Aug. 8	9,7705	0,9462 n	1,1196	1,1549 n	9,7787	0,00
18	9,7912	0,9558 n	1,1810	1,0681 n	9,7980	0,00
28	9,8091	0,9643 n	1,2240	0,9430 n	9,8164	0,00
Sept. 7	9,8247	0,9707 n	1,2519	0,7466 n	9,8342	0,00
17	9,8388	0,9744 n	1,2664	0,3452 n	9,8512	0,00
27	9,8520	0,9752 n	1,2683	0,0912	9,8676	0,00
Oct. 7	9,8650	0,9727 n	1,2572	0,6688	9,8834	0,00
17	9,8784	0,9674 n	1,2325	0,9019	9,8986	—0,01
27	9,8927	0,9598 n	1,1920	1,0442	9,9134	—0,01
Nov. 6	9,9080	0,9505 n	1,1323	1,1413	9,9276	—0,01
16	9,9245	0,9407 n	1,0469	1,2098	9,9414	0,00
26	9,9419	0,9316 n	0,9226	1,2573	9,9547	0,00
Dec. 6	9,9600	0,9245 n	0,7262	1,2879	9,9677	0,00
16	9,9781	0,9203 n	0,3233	1,3037	9,9803	0,00
26	9,9959	0,9198 n	0,0734 n	1,3056	9,9925	0,00
36	0,0127	0,9229 n	0,6472 n	1,2938	0,0044	0,00

Tabula VIII.

1839.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	8,1793	0,9213 *n*	0,5087 *n*	1,2999	$-\infty$	0,00
10	8,7282	0,9266 *n*	0,8065 *n*	1,2791	8,4362	0,00
20	8,9530	0,9344 *n*	0,9722 *n*	1,2427	8,7373	+ 0,01
30	9,0904	0,9439 *n*	1,0812 *n*	1,1879	8,9134	+ 0,01
Febr. 9	9,1854	0,9536 *n*	1,1568 *n*	1,1095	9,0383	+ 0,01
19	9,2558	0,9625 *n*	1,2093 *n*	0,9972	9,1352	+ 0,01
Mart. 1	9,3105	0,9693 *n*	1,2438 *n*	0,8269	9,2144	+ 0,01
11	9,3554	0,9735 *n*	1,2632 *n*	0,5188	9,2813	+ 0,01
21	9,3943	0,9746 *n*	1,2690 *n*	9,2752 *n*	9,3393	0,00
31	9,4302	0,9725 *n*	1,2619 *n*	0,5628 *n*	9,3905	0,00
Apr. 10	9,4651	0,9675 *n*	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,5001	0,9599 *n*	1,2068 *n*	1,0048 *n*	9,4776	0,00
30	9,5359	0,9506 *n*	1,1556 *n*	1,1114 *n*	9,5154	0,00
Maj. 10	9,5724	0,9405 *n*	1,0832 *n*	1,1862 *n*	9,5502	0,00
20	9,6092	0,9307 *n*	0,9822 *n*	1,2391 *n*	9,5824	0,00
30	9,6457	0,9222 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,01
Jun. 9	9,6811	0,9160 *n*	0,5865 *n*	1,2970 *n*	9,6404	+ 0,01
19	9,7148	0,9127 *n*	9,9027 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7463	0,9128 *n*	0,3577	1,3032 *n*	9,6915	+ 0,01
Jul. 9	9,7752	0,9160 *n*	0,7238	1,2882 *n*	9,7150	+ 0,01
19	9,8011	0,9220 *n*	0,9119	1,2600 *n*	9,7373	+ 0,01
29	9,8241	0,9299 *n*	1,0340	1,2167 *n*	9,7585	+ 0,01
Aug. 8	9,8443	0,9386 *n*	1,1196	1,1549 *n*	9,7787	+ 0,01
18	9,8618	0,9471 *n*	1,1810	1,0681 *n*	9,7980	+ 0,01
28	9,8770	0,9545 *n*	1,2240	0,9430 *n*	9,8164	+ 0,01
Sept. 7	9,8904	0,9598 *n*	1,2519	0,7466 *n*	9,8342	+ 0,01
17	9,9024	0,9623 *n*	1,2665	0,3452 *n*	9,8512	+ 0,01
27	9,9138	0,9618 *n*	1,2683	0,0912	9,8676	+ 0,01
Oct. 7	9,9251	0,9581 *n*	1,2572	0,6688	9,8834	+ 0,01
17	9,9367	0,9513 *n*	1,2325	0,9019	9,8986	+ 0,01
27	9,9492	0,9420 *n*	1,1920	1,0442	9,9134	+ 0,01
Nov. 6	9,9626	0,9310 *n*	1,1323	1,1413	9,9276	+ 0,01
16	9,9771	0,9194 *n*	1,0469	1,2098	9,9414	+ 0,01
26	9,9926	0,9084 *n*	0,9226	1,2573	9,9547	+ 0,01
Dec. 6	0,0086	0,8994 *n*	0,7262	1,2879	9,9677	+ 0,01
16	0,0248	0,8936 *n*	0,3233	1,3037	9,9803	+ 0,01
26	0,0407	0,8915 *n*	0,0733 *n*	1,3056	9,9925	+ 0,02
36	0,0558	0,8934 *n*	0,6472 *n*	1,2938	0,0044	+ 0,02

Tabula VIII.

1840.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 1	9,0886	0,8922 n	0,5087 n	1,2999	$-\infty$	+ 0,02
11	9,2064	0,8964 n	0,8065 n	1,2791	8,4362	+ 0,02
21	9,2943	0,9034 n	0,9722 n	1,2427	8,7373	+ 0,02
31	9,3619	0,9122 n	1,0812 n	1,1879	8,9134	+ 0,02
Febr. 10	9,4150	0,9213 n	1,1568 n	1,1095	9,0383	+ 0,02
20	9,4575	0,9295 n	1,2093 n	0,9972	9,1352	+ 0,02
Mart. 1	9,4924	0,9356 n	1,2438 n	0,8269	9,2144	+ 0,02
11	9,5221	0,9388 n	1,2632 n	0,5189	9,2813	+ 0,02
21	9,5488	0,9387 n	1,2690 n	9,2751 n	9,3393	+ 0,02
31	9,5739	0,9351 n	1,2619 n	0,5628 n	9,3905	+ 0,02
Apr. 10	9,5990	0,9282 n	1,2415 n	0,8447 n	9,4362	+ 0,02
20	9,6247	0,9186 n	1,2068 n	1,0048 n	9,4776	+ 0,02
30	9,6516	0,9070 n	1,1556 n	1,1114 n	9,5154	+ 0,02
Maj. 10	9,6796	0,8944 n	1,0834 n	1,1862 n	9,5502	+ 0,02
20	9,7083	0,8820 n	0,9822 n	1,2391 n	9,5824	+ 0,02
30	9,7374	0,8710 n	0,8337 n	1,2751 n	9,6123	+ 0,02
Jun. 9	9,7661	0,8625 n	0,5865 n	1,2970 n	9,6404	+ 0,02
19	9,7938	0,8573 n	9,9026 n	1,3061 n	9,6667	+ 0,02
29	9,8200	0,8558 n	0,3577	1,3032 n	9,6915	+ 0,02
Jul. 9	9,8442	0,8580 n	0,7238	1,2882 n	9,7150	+ 0,03
19	9,8663	0,8633 n	0,9119	1,2600 n	9,7373	+ 0,03
29	9,8860	0,8709 n	1,0340	1,2167 n	9,7585	+ 0,03
Aug. 8	9,9033	0,8794 n	1,1196	1,1549 n	9,7787	+ 0,03
18	9,9184	0,8878 n	1,1810	1,0681 n	9,7980	+ 0,03
28	9,9316	0,8948 n	1,2240	0,9430 n	9,8164	+ 0,03
Sept. 7	9,9432	0,8995 n	1,2519	0,7466 n	9,8342	+ 0,03
17	9,9537	0,9011 n	1,2665	0,3452 n	9,8512	+ 0,03
27	9,9637	0,8992 n	1,2683	0,0912	9,8676	+ 0,03
Oct. 7	9,9736	0,8935 n	1,2572	0,6688	9,8834	+ 0,03
17	9,9838	0,8843 n	1,2325	0,9019	9,8986	+ 0,03
27	9,9948	0,8720 n	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0067	0,8576 n	1,1323	1,1413	9,9276	+ 0,03
16	0,0197	0,8423 n	1,0469	1,2098	9,9414	+ 0,03
26	0,0335	0,8276 n	0,9226	1,2573	9,9547	+ 0,03
Dec. 6	0,0479	0,8152 n	0,7262	1,2879	9,9677	+ 0,03
16	0,0626	0,8064 n	0,3234	1,3037	9,9803	+ 0,03
26	0,0770	0,8023 n	0,0732 n	1,3056	9,9925	+ 0,03
36	0,0908	0,8030 n	0,6472 n	1,2938	0,0044	+ 0,03

Tabula VIII.

1841.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,3389	0,8022 *n*	0,5087 *n*	1,2999	$-\infty$	+ 0,03
10	9,4081	0,8057 *n*	0,8065 *n*	1,2791	8,4362	+ 0,03
20	9,4647	0,8128 *n*	0,9722 *n*	1,2427	8,7373	+ 0,03
30	9,5108	0,8220 *n*	1,0812 *n*	1,1879	8,9134	+ 0,03
Febr. 9	9,5486	0,8318 *n*	1,1568 *n*	1,1095	9,0383	+ 0,04
19	9,5797	0,8403 *n*	1,2093 *n*	0,9972	9,1352	+ 0,04
Mart. 1	9,6057	0,8464 *n*	1,2438 *n*	0,8269	9,2144	+ 0,03
11	9,6282	0,8489 *n*	1,2632 *n*	0,5189	9,2813	+ 0,03
21	9,6487	0,8474 *n*	1,2690 *n*	9,2750 *n*	9,3393	+ 0,03
31	9,6683	0,8416 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,03
Apr. 10	9,6881	0,8316 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,03
20	9,7087	0,8181 *n*	1,2068 *n*	1,0048 *n*	9,4776	+ 0,03
30	9,7305	0,8019 *n*	1,1556 *n*	1,1114 *n*	9,5154	+ 0,03
Maj. 10	9,7535	0,7843 *n*	1,0834 *n*	1,1862 *n*	9,5502	+ 0,03
20	9,7775	0,7666 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,8020	0,7505 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8264	0,7375 *n*	0,5865 *n*	1,2970 *n*	9,6404	+ 0,03
19	9,8503	0,7288 *n*	9,9025 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8730	0,7251 *n*	0,3578	1,3032 *n*	9,6915	+ 0,04
Jul. 9	9,8942	0,7264 *n*	0,7238	1,2882 *n*	9,7150	+ 0,04
19	9,9136	0,7319 *n*	0,9119	1,2599 *n*	9,7373	+ 0,04
29	9,9309	0,7404 *n*	1,0340	1,2167 *n*	9,7585	+ 0,04
Aug. 8	9,9463	0,7503 *n*	1,1196	1,1549 *n*	9,7787	+ 0,04
18	9,9597	0,7600 *n*	1,1810	1,0681 *n*	9,7980	+ 0,04
28	9,9714	0,7679 *n*	1,2240	0,9430 *n*	9,8164	+ 0,04
Sept. 7	9,9817	0,7727 *n*	1,2519	0,7466 *n*	9,8342	+ 0,04
17	9,9911	0,7734 *n*	1,2665	0,3452 *n*	9,8512	+ 0,04
27	9,9999	0,7693 *n*	1,2683	0,0912	9,8676	+ 0,04
Oct. 7	0,0087	0,7601 *n*	1,2572	0,6688	9,8834	+ 0,04
17	0,0179	0,7460 *n*	1,2325	0,9019	9,8986	+ 0,04
27	0,0278	0,7274 *n*	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0386	0,7055 *n*	1,1323	1,1413	9,9276	+ 0,04
16	0,0504	0,6819 *n*	1,0470	1,2098	9,9414	+ 0,04
26	0,0630	0,6588 *n*	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0762	0,6385 *n*	0,7262	1,2879	9,9677	+ 0,04
16	0,0897	0,6233 *n*	0,3234	1,3037	9,9803	+ 0,04
26	0,1030	0,6150 *n*	0,0732 *n*	1,3056	9,9925	+ 0,04
36	0,1158	0,6142 *n*	0,6472 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1842.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4646	0,6137 n	0,5086 n	1,2999	$-\infty$	+ 0,04
10	9,5165	0,6171 n	0,8065 n	1,2791	8,4362	+ 0,04
20	9,5603	0,6262 n	0,9722 n	1,2427	8,7373	+ 0,05
30	9,5969	0,6386 n	1,0812 n	1,1879	8,9134	+ 0,05
Febr. 9	9,6273	0,6516 n	1,1568 n	1,1095	9,0383	+ 0,05
19	9,6526	0,6629 n	1,2093 n	0,9972	9,1352	+ 0,05
Mart. 1	9,6740	0,6704 n	1,2438 n	0,8269	9,2144	+ 0,05
11	9,6927	0,6726 n	1,2632 n	0,5189	9,2813	+ 0,04
21	9,7097	0,6688 n	1,2690 n	9,2748 n	9,3393	+ 0,04
31	9,7261	0,6583 n	1,2619 n	0,5628 n	9,3905	+ 0,04
Apr. 10	9,7429	0,6415 n	1,2415 n	0,8447 n	9,4362	+ 0,04
20	9,7605	0,6186 n	1,2068 n	1,0048 n	9,4776	+ 0,04
30	9,7793	0,5909 n	1,1556 n	1,1114 n	9,5154	+ 0,04
Maj. 10	9,7994	0,5599 n	1,0834 n	1,1862 n	9,5502	+ 0,04
20	9,8205	0,5279 n	0,9821 n	1,2391 n	9,5824	+ 0,04
30	9,8422	0,4974 n	0,8337 n	1,2751 n	9,6123	+ 0,04
Jun. 9	9,8641	0,4716 n	0,5864 n	1,2970 n	9,6404	+ 0,04
19	9,8855	0,4532 n	9,9024 n	1,3061 n	9,6667	+ 0,04
29	9,9061	0,4438 n	0,3578	1,3032 n	9,6915	+ 0,05
Jul. 9	9,9253	0,4438 n	0,7238	1,2882 n	9,7150	+ 0,05
19	9,9429	0,4521 n	0,9119	1,2599 n	9,7373	+ 0,05
29	9,9588	0,4661 n	1,0340	1,2167 n	9,7585	+ 0,05
Aug. 8	9,9728	0,4825 n	1,1196	1,1549 n	9,7787	+ 0,05
18	9,9850	0,4984 n	1,1810	1,0681 n	9,7980	+ 0,05
28	9,9957	0,5109 n	1,2240	0,9429 n	9,8164	+ 0,05
Sept. 7	0,0051	0,5177 n	1,2519	0,7466 n	9,8342	+ 0,05
17	0,0136	0,5172 n	1,2665	0,3452 n	9,8512	+ 0,05
27	0,0216	0,5081 n	1,2683	0,0912	9,8676	+ 0,05
Oct. 7	0,0297	0,4894 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0380	0,4607 n	1,2325	0,9019	9,8986	+ 0,04
27	0,0471	0,4222 n	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0571	0,3745 n	1,1323	1,1413	9,9276	+ 0,04
16	0,0681	0,3198 n	1,0470	1,2098	9,9414	+ 0,04
26	0,0799	0,2617 n	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0923	0,2060 n	0,7262	1,2879	9,9677	+ 0,05
16	0,1050	0,1604 n	0,3234	1,3037	9,9803	+ 0,05
26	0,1175	0,1324 n	0,0731 n	1,3056	9,9925	+ 0,05
36	0,1296	0,1262 n	0,6471 n	1,2938	0,0044	+ 0,05

Tabula VIII.

1843.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5237	0,1260 *n*	0,5086 *n*	1,2999	$-\infty$	+ 0″,05
10	9,5683	0,1331 *n*	0,8065 *n*	1,2791	8,4362	+ 0,05
20	9,6063	0,1570 *n*	0,9722 *n*	1,2427	8,7373	+ 0,05
30	9,6384	0,1896 *n*	1,0812 *n*	1,1879	8,9134	+ 0,05
Febr. 9	9,6653	0,2227 *n*	1,1568 *n*	1,1095	9,0383	+ 0,05
19	9,6877	0,2499 *n*	1,2093 *n*	0,9972	9,1352	+ 0,05
Mart. 1	9,7067	0,2668 *n*	1,2438 *n*	0,8269	9,2144	+ 0,05
11	9,7232	0,2703 *n*	1,2632 *n*	0,5189	9,2813	+ 0,05
21	9,7384	0,2583 *n*	1,2690 *n*	9,2747 *n*	9,3393	+ 0,05
31	9,7530	0,2287 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7681	0,1792 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7840	0,1066 *n*	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,8012	0,0057 *n*	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,8197	9,8672 *n*	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8392	9,6725 *n*	0,9821 *n*	1,2391 *n*	9,5824	+ 0,04
30	9,8595	9,3946 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8799	8,6646 *n*	0,5864 *n*	1,2970 *n*	9,6404	+ 0,05
19	9,9001	8,9252	9,9023 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9194	9,1804	0,3578	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9376	9,1970	0,7238	1,2882 *n*	9,7150	+ 0,05
19	9,9543	9,0426	0,9119	1,2599 *n*	9,7373	+ 0,05
29	9,9693	8,3809	1,0340	1,2167 *n*	9,7585	+ 0,05
Aug. 8	9,9825	8,9199 *n*	1,1196	1,1549 *n*	9,7787	+ 0,05
18	9,9940	9,2801 *n*	1,1810	1,0681 *n*	9,7980	+ 0,05
28	0,0041	9,4436 *n*	1,2240	0,9429 *n*	9,8164	+ 0,05
Sept. 7	0,0128	9,5103 *n*	1,2519	0,7466 *n*	9,8342	+ 0,05
17	0,0208	9,4986 *n*	1,2665	0,3451 *n*	9,8512	+ 0,05
27	0,0283	9,3833 *n*	1,2683	0,0913	9,8676	+ 0,05
Oct. 7	0,0358	9,0087 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0436	8,9962	1,2325	0,9019	9,8986	+ 0,05
27	0,0522	9,5421	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0617	9,7969	1,1324	1,1413	9,9276	+ 0,04
16	0,0722	9,9591	1,0470	1,2098	9,9414	+ 0,04
26	0,0835	0,0699	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0955	0,1453	0,7262	1,2879	9,9677	+ 0,05
16	0,1077	0,1932	0,3235	1,3037	9,9803	+ 0,05
26	0,1199	0,2183	0,0730 *n*	1,3057	9,9925	+ 0,05
36	0,1315	0,2238	0,6471 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1844.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 1	9,5319	0,2238	0,5086 *n*	1,2999	$-\infty$	+ 0,05
11	9,5745	0,2185	0,8065 *n*	1,2791	8,4362	+ 0,05
21	9,6109	0,1982	0,9722 *n*	1,2427	8,7373	+ 0,05
31	9,6417	0,1667	1,0812 *n*	1,1879	8,9134	+ 0,05
Febr. 10	9,6674	0,1292	1,1568 *n*	1,1095	9,0383	+ 0,05
20	9,6888	0,0933	1,2093 *n*	0,9972	9,1352	+ 0,05
Mart. 1	9,7068	0,0680	1,2438 *n*	0,8269	9,2144	+ 0,05
11	9,7225	0,0625	1,2632 *n*	0,5189	9,2813	+ 0,05
21	9,7369	0,0813	1,2690 *n*	9,2746 *n*	9,3393	+ 0,05
31	9,7508	0,1222	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7651	0,1781	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7805	0,2402	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,7971	0,3017	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,8150	0,3576	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8341	0,4053	0,9821 *n*	1,2392 *n*	9,5824	+ 0,04
30	9,8539	0,4435	0,8337 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8740	0,4718	0,5864 *n*	1,2970 *n*	9,6404	+ 0,04
19	9,8939	0,4902	9,9022 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9130	0,4992	0,3579	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9309	0,4996	0,7238	1,2882 *n*	9,7150	+ 0,05
19	9,9473	0,4927	0,9120	1,2599 *n*	9,7373	+ 0,05
29	9,9621	0,4800	1,0340	1,2167 *n*	9,7585	+ 0,05
Aug. 8	9,9750	0,4637	1,1197	1,1549 *n*	9,7787	+ 0,05
18	9,9863	0,4468	1,1810	1,0681 *n*	9,7980	+ 0,05
28	9,9960	0,4325	1,2240	0,9429 *n*	9,8164	+ 0,05
Sept. 7	0,0046	0,4242	1,2519	0,7466 *n*	9,8342	+ 0,05
17	0,0122	0,4249	1,2665	0,3451 *n*	9,8512	+ 0,05
27	0,0194	0,4359	1,2683	0,0913	9,8676	+ 0,04
Oct. 7	0,0266	0,4569	1,2572	0,6688	9,8834	+ 0,04
17	0,0343	0,4856	1,2325	0,9019	9,8986	+ 0,04
27	0,0426	0,5189	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0520	0,5533	1,1324	1,1413	9,9276	+ 0,04
16	0,0623	0,5857	1,0470	1,2098	9,9414	+ 0,04
26	0,0735	0,6139	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0853	0,6362	0,7262	1,2879	9,9677	+ 0,04
16	0,0975	0,6515	0,3235	1,3037	9,9803	+ 0,04
26	0,1096	0,6597	0,0730 *n*	1,3057	9,9925	+ 0,04
36	0,1212	0,6610	0,6471 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1845.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 0	9,4399	0,6613	0,5086 *n*	1,2999	$-\infty$	+ 0,04
10	9,5353	0,6587	0,8065 *n*	1,2791	8,4362	+ 0,04
20	9,5739	0,6507	0,9721 *n*	1,2427	8,7373	+ 0,04
30	9,6062	0,6390	1,0812 *n*	1,1879	8,9134	+ 0,04
Febr. 9	9,6330	0,6259	1,1568 *n*	1,1095	9,0383	+ 0,04
19	9,6552	0,6138	1,2093 *n*	0,9972	9,1352	+ 0,04
Mart. 1	9,6737	0,6054	1,2438 *n*	0,8270	9,2144	+ 0,04
11	9,6897	0,6028	1,2632 *n*	0,5189	9,2813	+ 0,04
21	9,7043	0,6073	1,2690 *n*	9,2745 *n*	9,3393	+ 0,04
31	9,7185	0,6189	1,2619 *n*	0,5628 *n*	9,3905	+ 0,04
Apr. 10	9,7331	0,6365	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7488	0,6582	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,7659	0,6818	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,7845	0,7051	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8043	0,7263	0,9821 *n*	1,2392 *n*	9,5824	+ 0,04
30	9,8249	0,7441	0,8337 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8457	0,7576	0,5864 *n*	1,2970 *n*	9,6404	+ 0,04
19	9,8663	0,7663	9,9021 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8861	0,7702	0,3579	1,3032 *n*	9,6915	+ 0,04
Jul. 9	9,9046	0,7696	0,7238	1,2882 *n*	9,7150	+ 0,04
19	9,9215	0,7649	0,9120	1,2599 *n*	9,7373	+ 0,04
29	9,9367	0,7573	1,0340	1,2167 *n*	9,7585	+ 0,04
Aug. 8	9,9499	0,7478	1,1197	1,1549 *n*	9,7787	+ 0,04
18	9,9614	0,7380	1,1810	1,0681 *n*	9,7980	+ 0,04
28	9,9713	0,7297	1,2240	0,9429 *n*	9,8164	+ 0,04
Sept. 7	9,9799	0,7244	1,2519	0,7466 *n*	9,8342	+ 0,04
17	9,9876	0,7236	1,2665	0,3451 *n*	9,8512	+ 0,04
27	9,9948	0,7281	1,2683	0,0913	9,8676	+ 0,04
Oct. 7	0,0020	0,7379	1,2572	0,6688	9,8834	+ 0,03
17	0,0097	0,7519	1,2325	0,9019	9,8986	+ 0,03
27	0,0182	0,7692	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0277	0,7878	1,1324	1,1413	9,9276	+ 0,03
16	0,0382	0,8060	1,0470	1,2098	9,9414	+ 0,03
26	0,0497	0,8222	0,9226	1,2573	9,9547	+ 0,03
Dec. 6	0,0619	0,8351	0,7262	1,2879	9,9677	+ 0,03
16	0,0744	0,8439	0,3235	1,3037	9,9803	+ 0,03
26	0,0868	0,8482	0,0729 *n*	1,3057	9,9925	+ 0,03
36	0,0988	0,8480	0,6471 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1846.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,3850	0,8486	0,5085 n	1,2999	$-\infty$	+ 0,04
10	9,4406	0,8458	0,8065 n	1,2791	8,4362	+ 0,04
20	9,4869	0,8396	0,9721 n	1,2427	8,7373	+ 0,04
30	9,5250	0,8310	1,0812 n	1,1879	8,9134	+ 0,04
Febr. 9	9,5560	0,8215	1,1568 n	1,1095	9,0383	+ 0,04
19	9,5814	0,8127	1,2093 n	0,9972	9,1352	+ 0,03
Mart. 1	9,6024	0,8062	1,2438 n	0,8270	9,2144	+ 0,03
11	9,6203	0,8034	1,2632 n	0,5189	9,2813	+ 0,03
21	9,6366	0,8050	1,2690 n	9,2743 n	9,3393	+ 0,03
31	9,6523	0,8111	1,2619 n	0,5628 n	9,3905	+ 0,03
Apr. 10	9,6685	0,8213	1,2415 n	0,8447 n	9,4362	+ 0,03
20	9,6860	0,8344	1,2063 n	1,0048 n	9,4776	+ 0,03
30	9,7050	0,8491	1,1556 n	1,1114 n	9,5154	+ 0,03
Maj. 10	9,7256	0,8640	1,0834 n	1,1862 n	9,5502	+ 0,03
20	9,7476	0,8777	0,9821 n	1,2392 n	9,5824	+ 0,02
30	9,7704	0,8892	0,8336 n	1,2751 n	9,6123	+ 0,03
Jun. 9	9,7934	0,8979	0,5864 n	1,2970 n	9,6404	+ 0,03
19	9,8161	0,9031	9,9020 n	1,3061 n	9,6667	+ 0,03
29	9,8377	0,9049	0,3579	1,3032 n	9,6915	+ 0,03
Jul. 9	9,8579	0,9033	0,7239	1,2882 n	9,7150	+ 0,03
19	9,8763	0,8988	0,9120	1,2599 n	9,7373	+ 0,03
29	9,8926	0,8920	1,0340	1,2167 n	9,7585	+ 0,03
Aug. 8	9,9069	0,8839	1,1197	1,1549 n	9,7787	+ 0,03
18	9,9192	0,8756	1,1810	1,0680 n	9,7980	+ 0,03
28	9,9297	0,8683	1,2240	0,9429 n	9,8164	+ 0,03
Sept. 7	9,9388	0,8632	1,2519	0,7465 n	9,8342	+ 0,03
17	9,9469	0,8614	1,2665	0,3451 n	9,8512	+ 0,02
27	9,9545	0,8633	1,2683	0,0913	9,8676	+ 0,02
Oct. 7	9,9621	0,8691	1,2572	0,6688	9,8834	+ 0,02
17	9,9702	0,8784	1,2325	0,9019	9,8986	+ 0,02
27	9,9791	0,8901	1,1920	1,0441	9,9134	+ 0,02
Nov. 6	9,9892	0,9030	1,1324	1,1413	9,9276	+ 0,02
16	0,0004	0,9159	1,0470	1,2098	9,9414	+ 0,02
26	0,0127	0,9273	0,9226	1,2573	9,9547	+ 0,02
Dec. 6	0,0257	0,9363	0,7263	1,2879	9,9677	+ 0,02
16	0,0390	0,9421	0,3236	1,3037	9,9803	+ 0,02
26	0,0522	0,9445	0,0728 n	1,3057	9,9925	+ 0,02
36	0,0649	0,9432	0,6471 n	1,2938	0,0044	+ 0,02

Tabula VIII.

1847.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
						″
Jan. 0	9,1723	0,9440	0,5085 n	1,2999	$-\infty$	+ 0,02
10	9,2583	0,9407	0,8064 n	1,2791	8,4362	+ 0,02
20	9,3256	0,9345	0,9721 n	1,2427	8,7373	+ 0,02
30	9,3787	0,9264	1,0812 n	1,1879	8,9134	+ 0,02
Febr. 9	9,4206	0,9175	1,1568 n	1,1096	9,0383	+ 0,02
19	9,4540	0,9091	1,2093 n	0,9973	9,1352	+ 0,02
Mart. 1	9,4811	0,9026	1,2438 n	0,8270	9,2144	+ 0,02
11	9,5039	0,8990	1,2632 n	0,5189	9,2813	+ 0,02
21	9,5243	0,8990	1,2690 n	9,2742 n	9,3393	+ 0,02
31	9,5439	0,9026	1,2619 n	0,5628 n	9,3905	+ 0,01
Apr. 10	9,5640	0,9095	1,2415 n	0,8447 n	9,4362	+ 0,01
20	9,5854	0,9190	1,2068 n	1,0048 n	9,4776	+ 0,01
30	9,6087	0,9298	1,1556 n	1,1114 n	9,5154	+ 0,01
Maj. 10	9,6338	0,9409	1,0834 n	1,1863 n	9,5502	+ 0,01
20	9,6603	0,9512	0,9821 n	1,2392 n	9,5824	+ 0,01
30	9,6876	0,9597	0,8336 n	1,2751 n	9,6123	+ 0,01
Jun. 9	9,7149	0,9659	0,5863 n	1,2970 n	9,6404	+ 0,01
19	9,7415	0,9692	9,9019 n	1,3061 n	9,6667	+ 0,01
29	9,7668	0,9695	0,3580	1,3032 n	9,6915	+ 0,01
Jul. 9	9,7901	0,9669	0,7239	1,2882 n	9,7150	+ 0,01
19	9,8112	0,9618	0,9120	1,2599 n	9,7373	+ 0,01
29	9,8299	0,9547	1,0340	1,2167 n	9,7585	+ 0,01
Aug. 8	9,8461	0,9463	1,1197	1,1549 n	9,7787	+ 0,01
18	9,8599	0,9378	1,1810	1,0680 n	9,7980	+ 0,01
28	9,8717	0,9301	1,2240	0,9429 n	9,8164	+ 0,01
Sept. 7	9,8818	0,9244	1,2519	0,7465 n	9,8342	+ 0,01
17	9,8908	0,9213	1,2665	0,3451 n	9,8512	+ 0,01
27	9,8992	0,9216	1,2683	0,0913	9,8676	+ 0,01
Oct. 7	9,9077	0,9253	1,2572	0,6688	9,8834	+ 0,01
17	9,9166	0,9321	1,2325	0,9019	9,8986	+ 0,01
27	9,9266	0,9411	1,1920	1,0441	9,9134	0,00
Nov. 6	9,9378	0,9513	1,1324	1,1413	9,9276	0,00
16	9,9453	0,9615	1,0470	1,2098	9,9414	0,00
26	9,9638	0,9705	0,9226	1,2573	9,9547	0,00
Dec. 6	9,9781	0,9774	0,7263	1,2879	9,9677	0,00
16	9,9929	0,9815	0,3236	1,3037	9,9803	0,00
26	0,0074	0,9823	0,0728 n	1,3057	9,9925	+ 0,01
36	0,0213	0,9799	0,6471 n	1,2938	0,0044	+ 0,01

Tabula VIII.

1848.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
						″
Jan. 1	8,5797	0,9812	0,5085 *n*	1,2999	$-\infty$	+ 0,01
11	8,8467	0,9768	0,8064 *n*	1,2791	8,4362	+ 0,01
21	9,0016	0,9698	0,9721 *n*	1,2427	8,7373	+ 0,01
31	9,1060	0,9610	1,0811 *n*	1,1879	8,9134	+ 0,01
Febr. 10	9,1808	0,9514	1,1568 *n*	1,1096	9,0333	+ 0,01
20	9,2611	0,9424	1,2093 *n*	0,9973	9,1352	+0,01
Mart. 1	9,2799	0,9349	1,2438 *n*	0,8270	9,2144	0,00
11	9,3153	0,9301	1,2632 *n*	0,5189	9,2813	0,00
21	9,3459	0,9286	1,2690 *n*	9,2741 *n*	9,3393	0,00
31	9,3747	0,9306	1,2619 *n*	0,5628 *n*	9,3905	0,00
Apr. 10	9,4037	0,9357	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,4342	0,9431	1,2068 *n*	1,0048 *n*	9,4776	0,00
30	9,4666	0,9520	1,1556 *n*	1,1114 *n*	9,5154	— 0,01
Maj. 10	9,5008	0,9612	1,0834 *n*	1,1863 *n*	9,5502	— 0,01
20	9,5362	0,9697	0,9821 *n*	1,2392 *n*	9,5824	— 0,01
30	9,5720	0,9766	0,8336 *n*	1,2751 *n*	9,6123	— 0,01
Jun. 9	9,6072	0,9812	0,5863 *n*	1,2970 *n*	9,6404	0,00
19	9,6409	0,9831	9,9019 *n*	1,3061 *n*	9,6667	0,00
29	9,6724	0,9821	0,3580	1,3032 *n*	9,6915	0,00
Jul. 9	9,7012	0,9783	0,7239	1,2882 *n*	9,7150	0,00
19	9,7268	0,9719	0,9120	1,2599 *n*	9,7373	0,00
29	9,7493	0,9636	1,0341	1,2167 *n*	9,7585	0,00
Aug. 8	9,7687	0,9541	1,1197	1,1549 *n*	9,7787	0,00
18	9,7852	0,9443	1,1810	1,0680 *n*	9,7980	0,00
28	9,7991	0,9353	1,2240	0,9429 *n*	9,8164	0,00
Sept. 7	9,8110	0,9281	1,2519	0,7465 *n*	9,8342	— 0,01
17	9,8216	0,9236	1,2665	0,3451 *n*	9,8512	— 0,01
27	9,8314	0,9224	1,2683	0,0913	9,8676	— 0,01
Oct. 7	9,8413	0,9246	1,2572	0,6688	9,8834	— 0,01
17	9,8517	0,9299	1,2325	0,9019	9,8986	— 0,01
27	9,8632	0,9375	1,1920	1,0441	9,9134	— 0,01
Nov. 6	9,8762	0,9464	1,1324	1,1413	9,9276	— 0,01
16	9,8905	0,9553	1,0470	1,2098	9,9414	— 0,01
26	9,9061	0,9631	0,9226	1,2573	9,9547	— 0,01
Dec. 6	9,9225	0,9688	0,7263	1,2879	9,9677	— 0,01
16	9,9392	0,9716	0,3236	1,3037	9,9803	— 0,01
26	9,9557	0,9711	0,0727 *n*	1,3057	9,9925	— 0,01
36	9,9713	0,9673	0,6470 *n*	1,2938	0,0044	— 0,01

Tabula VIII.

1849.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,8820 n	0,9691	0,5085 n	1,2999	$-\infty$	$-0''$,01
10	8,6419 n	0,9633	0,8064 n	1,2791	8,4362	—0,01
20	8,1339 n	0,9547	0,9721 n	1,2427	8,7373	—0,01
30	8,1393	0,9441	1,0811 n	1,1879	8,9134	—0,01
Febr. 9	8,5786	0,9327	1,1568 n	1,1096	9,0383	—0,01
19	8,7698	0,9218	1,2093 n	0,9973	9,1352	—0,01
Mart. 1	8,8637	0,9124	1,2438 n	0,8270	9,2144	—0,01
11	8,9700	0,9058	1,2632 n	0,5190	9,2813	—0,01
21	9,0357	0,9027	1,2690 n	9,2740 n	9,3393	—0,02
31	9,0936	0,9032	1,2619 n	0,5628 n	9,3905	—0,02
Apr. 10	9,1481	0,9071	1,2415 n	0,8447 n	9,4362	—0,02
20	9,2021	0,9136	1,2068 n	1,0048 n	9,4776	—0,02
30	9,2565	0,9216	1,1556 n	1,1114 n	9,5154	—0,02
Maj. 10	9,3111	0,9301	1,0834 n	1,1863 n	9,5502	—0,02
20	9,3652	0,9378	0,9821 n	1,2392 n	9,5824	—0,02
30	9,4177	0,9438	0,8336 n	1,2751 n	9,6123	—0,02
Jun. 9	9,4674	0,9474	0,5863 n	1,2970 n	9,6404	—0,02
19	9,5136	0,9480	9,9018 n	1,3061 n	9,6667	—0,02
29	9,5557	0,9456	0,3580	1,3032 n	9,6915	—0,02
Jul. 9	9,5933	0,9401	0,7239	1,2882 n	9,7150	—0,02
19	9,6262	0,9318	0,9120	1,2599 n	9,7373	—0,02
29	9,6547	0,9212	1,0341	1,2167 n	9,7585	—0,02
Aug. 8	9,6789	0,9092	1,1197	1,1549 n	9,7787	—0,02
18	9,6993	0,8968	1,1810	1,0680 n	9,7980	—0,02
28	9,7166	0,8852	1,2240	0,9429 n	9,8164	—0,02
Sept. 7	9,7312	0,8755	1,2519	0,7465 n	9,8342	—0,02
17	9,7442	0,8689	1,2665	0,3451 n	9,8512	—0,02
27	9,7562	0,8659	1,2683	0,0913	9,8676	—0,02
Oct. 7	9,7681	0,8668	1,2572	0,6688	9,8834	—0,03
17	9,7807	0,8713	1,2325	0,9019	9,8986	—0,03
27	9,7946	0,8784	1,1920	1,0441	9,9134	—0,03
Nov. 6	9,8099	0,8871	1,1324	1,1413	9,9276	—0,03
16	9,8268	0,8958	1,0470	1,2098	9,9414	—0,03
26	9,8451	0,9033	0,9226	1,2573	9,9547	—0,03
Dec. 6	9,8642	0,9084	0,7263	1,2879	9,9677	—0,03
16	9,8835	0,9102	0,3237	1,3037	9,9803	—0,03
26	9,9024	0,9083	0,0726 n	1,3057	9,9925	—0,03
36	9,9203	0,9024	0,6470 n	1,2938	0,0044	—0,03

Tabula IX.

Valores quantitatum C & D pro singulis diebus.

Annus		Januarius.				Februarius.			
		Log. *C*		Log. *D*		Log. *C*		Log. *D*	
C	*B*	1750	1850	1750	1850	1750	1850	1750	1850
0	1	0,5109 *n*	0,5085 *n*	1,2998	1,2999	1,0904 *n*	1,0900 *n*	1,1809	1,1813
1	2	0,5523 *n*	0,5501 *n*	1,2984	1,2985	1,0989 *n*	1,0985 *n*	1,1740	1,1744
2	3	0,5899 *n*	0,5879 *n*	1,2968	1,2969	1,1071 *n*	1,1067 *n*	1,1668	1,1672
3	4	0,6245 *n*	0,6226 *n*	1,2951	1,2952	1,1150 *n*	1,1147 *n*	1,1594	1,1598
4	5	0,6563 *n*	0,6546 *n*	1,2932	1,2933	1,1227 *n*	1,1223 *n*	1,1518	1,1522
5	6	0,6858 *n*	0,6842 *n*	1,2912	1,2913	1,1300 *n*	1,1297 *n*	1,1438	1,1442
6	7	0,7133 *n*	0,7118 *n*	1,2890	1,2892	1,1372 *n*	1,1369 *n*	1,1356	1,1360
7	8	0,7391 *n*	0,7377 *n*	1,2867	1,2868	1,1440 *n*	1,1437 *n*	1,1271	1,1275
8	9	0,7633 *n*	0,7620 *n*	1,2844	1,2845	1,1507 *n*	1,1504 *n*	1,1183	1,1187
9	10	0,7861 *n*	0,7848 *n*	1,2817	1,2818	1,1571 *n*	1,1568 *n*	1,1091	1,1096
10	11	0,8076 *n*	0,8064 *n*	1,2789	1,2791	1,1632 *n*	1,1630 *n*	1,0996	1,1001
11	12	0,8279 *n*	0,8268 *n*	1,2760	1,2762	1,1692 *n*	1,1689 *n*	1,0898	1,0903
12	13	0,8472 *n*	0,8462 *n*	1,2729	1,2731	1,1749 *n*	1,1747 *n*	1,0797	1,0801
13	14	0,8656 *n*	0,8646 *n*	1,2697	1,2699	1,1804 *n*	1,1802 *n*	1,0691	1,0696
14	15	0,8831 *n*	0,8822 *n*	1,2663	1,2665	1,1857 *n*	1,1855 *n*	1,0582	1,0587
15	16	0,8997 *n*	0,8989 *n*	1,2628	1,2630	1,1908 *n*	1,1907 *n*	1,0468	1,0473
16	17	0,9157 *n*	0,9148 *n*	1,2590	1,2592	1,1958 *n*	1,1956 *n*	1,0350	1,0355
17	18	0,9309 *n*	0,9301 *n*	1,2551	1,2554	1,2005 *n*	1,2003 *n*	1,0227	1,0233
18	19	0,9455 *n*	0,9447 *n*	1,2511	1,2513	1,2050 *n*	1,2049 *n*	1,0100	1,0105
19	20	0,9594 *n*	0,9587 *n*	1,2468	1,2471	1,2094 *n*	1,2093 *n*	0,9967	0,9973
20	21	0,9728 *n*	0,9721 *n*	1,2424	1,2427	1,2136 *n*	1,2135 *n*	0,9829	0,9835
21	22	0,9857 *n*	0,9850 *n*	1,2378	1,2381	1,2176 *n*	1,2175 *n*	0,9685	0,9691
22	23	0,9880 *n*	0,9974 *n*	1,2331	1,2333	1,2214 *n*	1,2213 *n*	0,9535	0,9541
23	24	1,0099 *n*	1,0093 *n*	1,2281	1,2284	1,2251 *n*	1,2250 *n*	0,9378	0,9384
24	25	1,0213 *n*	1,0208 *n*	1,2229	1,2232	1,2286 *n*	1,2286 *n*	0,9214	0,9220
25	26	1,0323 *n*	1,0318 *n*	1,2176	1,2179	1,2320 *n*	1,2319 *n*	0,9042	0,9048
26	27	1,0429 *n*	1,0424 *n*	1,2120	1,2123	1,2352 *n*	1,2351 *n*	0,8861	0,8868
27	28	1,0531 *n*	1,0526 *n*	1,2062	1,2065	1,2382 *n*	1,2382 *n*	0,8672	0,8679
28	29	1,0629 *n*	1,0625 *n*	1,2002	1,2005	1,2411 *n*	1,2410 *n*	0,8473	0,8480
29	30	1,0724 *n*	1,0720 *n*	1,1940	1,1943	1,2438 *n*	1,2438 *n*	0,8263	0,8270
30	31	1,0816 *n*	1,0811 *n*	1,1876	1,1879				
31	32	1,0904 *n*	1,0900 *n*	1,1809	1,1813				
32		1,0989 *n*	1,0985 *n*	1,1740	1,1744				

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	Martius.				Aprilis.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,2411 *n*	1,2410 *n*	0,8473	0,8480	1,2618 *n*	1,2619 *n*	0,5630 *n*	0,5628 *n*
1	1,2438 *n*	1,2438 *n*	0,8263	0,8270	1,2604 *n*	1,2604 *n*	0,6017 *n*	0,6016 *n*
2	1,2464 *n*	1,2464 *n*	0,8041	0,8048	1,2588 *n*	1,2589 *n*	0,6371 *n*	0,6370 *n*
3	1,2488 *n*	1,2488 *n*	0,7805	0,7813	1,2571 *n*	1,2572 *n*	0,6697 *n*	0,6697 *n*
4	1,2511 *n*	1,2511 *n*	0,7555	0,7563	1,2553 *n*	1,2554 *n*	0,6999 *n*	0,6999 *n*
5	1,2532 *n*	1,2533 *n*	0,7289	0,7297	1,2534 *n*	1,2535 *n*	0,7280 *n*	0,7280 *n*
6	1,2553 *n*	1,2553 *n*	0,7003	0,7012	1,2512 *n*	1,2513 *n*	0,7543 *n*	0,7543 *n*
7	1,2571 *n*	1,2571 *n*	0,6697	0,6706	1,2490 *n*	1,2490 *n*	0,7789 *n*	0,7789 *n*
8	1,2589 *n*	1,2588 *n*	0,6366	0,6375	1,2466 *n*	1,2467 *n*	0,8021 *n*	0,8021 *n*
9	1,2604 *n*	1,2604 *n*	0,6006	0,6016	1,2441 *n*	1,2442 *n*	0,8239 *n*	0,8240 *n*
10	1,2619 *n*	1,2619 *n*	0,5612	0,5623	1,2415 *n*	1,2415 *n*	0,8446 *n*	0,8447 *n*
11	1,2632 *n*	1,2632 *n*	0,5178	0,5190	1,2387 *n*	1,2387 *n*	0,8642 *n*	0,8643 *n*
12	1,2644 *n*	1,2644 *n*	0,4695	0,4707	1,2357 *n*	1,2358 *n*	0,8829 *n*	0,8830 *n*
13	1,2654 *n*	1,2654 *n*	0,4150	0,4163	1,2327 *n*	1,2327 *n*	0,9006 *n*	0,9007 *n*
14	1,2663 *n*	1,2663 *n*	0,3526	0,3540	1,2294 *n*	1,2294 *n*	0,9175 *n*	0,9176 *n*
15	1,2671 *n*	1,2671 *n*	0,2795	0,2812	1,2260 *n*	1,2260 *n*	0,9336 *n*	0,9338 *n*
16	1,2677 *n*	1,2678 *n*	0,1915	0,1935	1,2225 *n*	1,2225 *n*	0,9491 *n*	0,9492 *n*
17	1,2682 *n*	1,2683 *n*	0,0809	0,0833	1,2188 *n*	1,2188 *n*	0,9638 *n*	0,9640 *n*
18	1,2686 *n*	1,2687 *n*	9,9321	9,9353	1,2150 *n*	1,2150 *n*	0,9780 *n*	0,9782 *n*
19	1,2689 *n*	1,2689 *n*	9,7039	9,7090	1,2110 *n*	1,2110 *n*	0,9916 *n*	0,9918 *n*
20	1,2690 *n*	1,2691 *n*	9,1937	9,2091	1,2068 *n*	1,2068 *n*	1,0046 *n*	1,0048 *n*
21	1,2690 *n*	1,2690 *n*	9,2860 *n*	9,2739 *n*	1,2025 *n*	1,2025 *n*	1,0172 *n*	1,0174 *n*
22	1,2689 *n*	1,2690 *n*	9,7343 *n*	9,7303 *n*	1,1980 *n*	1,1980 *n*	1,0292 *n*	1,0294 *n*
23	1,2686 *n*	1,2686 *n*	9,9499 *n*	9,9477 *n*	1,1934 *n*	1,1933 *n*	1,0408 *n*	1,0410 *n*
24	1,2682 *n*	1,2682 *n*	0,0932 *n*	0,0917 *n*	1,1885 *n*	1,1885 *n*	1,0520 *n*	1,0522 *n*
25	1,2677 *n*	1,2677 *n*	0,2006 *n*	0,1995 *n*	1,1835 *n*	1,1835 *n*	1,0628 *n*	1,0630 *n*
26	1,2670 *n*	1,2671 *n*	0,2865 *n*	0,2857 *n*	1,1783 *n*	1,1783 *n*	1,0732 *n*	1,0734 *n*
27	1,2662 *n*	1,2663 *n*	0,3580 *n*	0,3574 *n*	1,1730 *n*	1,1729 *n*	1,0832 *n*	1,0834 *n*
28	1,2653 *n*	1,2654 *n*	0,4193 *n*	0,4188 *n*	1,1674 *n*	1,1673 *n*	1,0929 *n*	1,0931 *n*
29	1,2643 *n*	1,2644 *n*	0,4728 *n*	0,4724 *n*	1,1616 *n*	1,1615 *n*	1,1022 *n*	1,1024 *n*
30	1,2631 *n*	1,2632 *n*	0,5203 *n*	0,5200 *n*	1,1557 *n*	1,1556 *n*	1,1112 *n*	1,1114 *n*
31	1,2618 *n*	1,2619 *n*	0,5630 *n*	0,5628 *n*	1,1495 *n*	1,1494 *n*	1,1199 *n*	1,1201 *n*
32	1,2604 *n*	1,2604 *n*	0,6017 *n*	0,6016 *n*				

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	Majus.				Junius.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,1557 *n*	1,1556 *n*	1,1112 *n*	1,1114 *n*	0,8157 *n*	0,8148 *n*	1,2778 *n*	1,2779 *n*
1	1,1495 *n*	1,1494 *n*	1,1199 *n*	1,1201 *n*	0,7959 *n*	0,7950 *n*	1,2805 *n*	1,2806 *n*
2	1,1431 *n*	1,1430 *n*	1,1283 *n*	1,1285 *n*	0,7751 *n*	0,7741 *n*	1,2830 *n*	1,2831 *n*
3	1,1365 *n*	1,1364 *n*	1,1364 *n*	1,1366 *n*	0,7532 *n*	0,7521 *n*	1,2854 *n*	1,2855 *n*
4	1,1297 *n*	1,1295 *n*	1,1442 *n*	1,1444 *n*	0,7299 *n*	0,7288 *n*	1,2876 *n*	1,2877 *n*
5	1,1226 *n*	1,1225 *n*	1,1518 *n*	1,1520 *n*	0,7052 *n*	0,7040 *n*	1,2897 *n*	1,2898 *n*
6	1,1153 *n*	1,1152 *n*	1,1591 *n*	1,1593 *n*	0,6789 *n*	0,6776 *n*	1,2917 *n*	1,2918 *n*
7	1,1078 *n*	1,1076 *n*	1,1662 *n*	1,1664 *n*	0,6508 *n*	0,6493 *n*	1,2935 *n*	1,2936 *n*
8	1,1000 *n*	1,0998 *n*	1,1731 *n*	1,1733 *n*	0,6206 *n*	0,6190 *n*	1,2953 *n*	1,2954 *n*
9	1,0920 *n*	1,0918 *n*	1,1796 *n*	1,1798 *n*	0,5880 *n*	0,5863 *n*	1,2969 *n*	1,2970 *n*
10	1,0836 *n*	1,0833 *n*	1,1861 *n*	1,1863 *n*	0,5527 *n*	0,5508 *n*	1,2984 *n*	1,2984 *n*
11	1,0750 *n*	1,0748 *n*	1,1922 *n*	1,1924 *n*	0,5141 *u*	0,5120 *n*	1,2997 *n*	1,2998 *n*
12	1,0661 *n*	1,0659 *n*	1,1982 *n*	1,1984 *n*	0,4716 *n*	0,4693 *n*	1,3009 *n*	1,3010 *n*
13	1,0569 *n*	1,0566 *n*	1,2040 *n*	1,2042 *n*	0,4244 *n*	0,4217 *n*	1,3020 *n*	1,3021 *n*
14	1,0474 *n*	1,0471 *n*	1,2095 *n*	1,2097 *n*	0,3713 *n*	0,3683 *n*	1,3030 *n*	1,3031 *n*
15	1,0375 *n*	1,0372 *n*	1,2149 *n*	1,2151 *n*	0,3107 *n*	0,3071 *n*	1,3039 *n*	1,3039 *n*
16	1,0273 *n*	1,0269 *n*	1,2201 *n*	1,2202 *n*	0,2400 *n*	0,2358 *n*	1,3046 *n*	1,3047 *n*
17	1,0167 *n*	1,0163 *n*	1,2251 *n*	1,2252 *n*	0,1555 *n*	0,1503 *n*	1,3052 *n*	1,3053 *n*
18	1,0056 *n*	1,0052 *n*	1,2299 *n*	1,2301 *n*	0,0503 *n*	0,0436 *n*	1,3057 *n*	1,3058 *n*
19	0,9944 *n*	0,9939 *n*	1,2345 *n*	1,2347 *n*	9,9110 *n*	9,9017 *n*	1,3061 *n*	1,3061 *n*
20	0,9826 *n*	0,9821 *n*	1,2390 *n*	1,2392 *n*	9,7046 *n*	9,6893 *n*	1,3064 *n*	1,3064 *n*
21	0,9703 *n*	0,9698 *n*	1,2433 *n*	1,2435 *n*	9,2971 *n*	9,2567 *n*	1,3065 *n*	1,3065 *n*
22	0,9576 *n*	0,9571 *n*	1,2474 *n*	1,2476 *n*	9,0420	9,1067	1,3065 *n*	1,3065 *n*
23	0,9443 *n*	0,9438 *n*	1,2514 *n*	1,2516 *n*	9,6217	9,6398	1,3064 *n*	1,3064 *n*
24	0,9305 *n*	0,9300 *n*	1,2552 *n*	1,2554 *n*	9,8613	9,8719	1,3062 *n*	1,3062 *n*
25	0,9162 *n*	0,9156 *n*	1,2589 *n*	1,2591 *n*	0,0148	0,0222	1,3059 *n*	1,3058 *n*
26	0,9013 *n*	0,9007 *n*	1,2624 *n*	1,2626 *n*	0,1278	0,1336	1,3054 *n*	1,3054 *n*
27	0,8857 *n*	0,8850 *n*	1,2658 *n*	1,2659 *n*	0,2174	0,2221	1,3048 *n*	1,3048 *n*
28	0,8694 *n*	0,8687 *n*	1,2690 *n*	1,2691 *n*	0,2914	0,2955	1,3041 *n*	1,3041 *n*
29	0,8523 *n*	0,8515 *n*	1,2721 *n*	1,2722 *n*	0,3546	0,3581	1,3033 *n*	1,3032 *n*
30	0,8344 *n*	0,8336 *n*	1,2750 *n*	1,2751 *n*	0,4096	0,4127	1,3023 *n*	1,3023 *n*
31	0,8157 *n*	0,8148 *n*	1,2778 *n*	1,2779 *n*	0,4583	0,4611	1,3013 *n*	1,3012 *n*
32	0,7959 *n*	0,7950 *n*	1,2805 *n*	1,2806 *n*				

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	Julius.				Augustus.			
	Log. *C*		Log *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	0,4096	0,4127	1,3023 *n*	1,3023 *n*	1,0530	1,0536	1,2063 *n*	1,2060 *n*
1	0,4583	0,4611	1,3013 *n*	1,3012 *n*	1,0623	1,0628	1,2006 *n*	1,2003 *n*
2	0,5020	0,5045	1,3001 *n*	1,3000 *n*	1,0713	1,0718	1,1948 *n*	1,1945 *n*
3	0,5416	0,5439	1,2988 *n*	1,2987 *n*	1,0800	1,0805	1,1888 *n*	1,1884 *n*
4	0,5778	0,5799	1,2973 *n*	1,2972 *n*	1,0884	1,0888	1,1825 *n*	1,1822 *n*
5	0,6111	0,6130	1,2958 *n*	1,2957 *n*	1,0965	1,0969	1,1760 *n*	1,1757 *n*
6	0,6419	0,6437	1,2941 *n*	1,2940 *n*	1,1043	1,1048	1,1693 *n*	1,1690 *n*
7	0,6705	0,6722	1,2923 *n*	1,2922 *n*	1,1119	1,1124	1,1624 *n*	1,1621 *n*
8	0,6973	0,6989	1,2903 *n*	1,2902 *n*	1,1193	1,1197	1,1553 *n*	1,1549 *n*
9	0,7224	0,7239	1,2883 *n*	1,2881 *n*	1,1264	1,1268	1,1479 *n*	1,1475 *n*
10	0,7460	0,7474	1,2861 *n*	1,2859 *n*	1,1333	1,1336	1,1402 *n*	1,1398 *n*
11	0,7683	0,7696	1,2837 *n*	1,2836 *n*	1,1399	1,1403	1,1323 *n*	1,1319 *n*
12	0,7894	0,7906	1,2813 *n*	1,2811 *n*	1,1463	1,1467	1,1241 *n*	1,1237 *n*
13	0,8094	0,8106	1,2787 *n*	1,2785 *n*	1,1526	1,1529	1,1156 *n*	1,1152 *n*
14	0,8284	0,8295	1,2759 *n*	1,2758 *n*	1,1586	1,1589	1,1068 *n*	1,1064 *n*
15	0,8465	0,8476	1,2731 *n*	1,2729 *n*	1,1644	1,1647	1,0977 *n*	1,0973 *n*
16	0,8637	0,8648	1,2700 *n*	1,2699 *n*	1,1700	1,1703	1,0883 *n*	1,0879 *n*
17	0,8802	0,8812	1,2669 *n*	1,2667 *n*	1,1755	1,1757	1,0786 *n*	1,0781 *n*
18	0,8960	0,8969	1,2636 *n*	1,2634 *n*	1,1807	1,1810	1,0685 *n*	1,0680 *n*
19	0,9111	0,9120	1,2601 *n*	1,2599 *n*	1,1858	1,1860	1,0580 *n*	1,0576 *n*
20	0,9256	0,9265	1,2565 *n*	1,2563 *n*	1,1907	1,1909	1,0472 *n*	1,0467 *n*
21	0,9395	0,9403	1,2528 *n*	1,2526 *n*	1,1954	1,1956	1,0359 *n*	1,0354 *n*
22	0,9528	0,9536	1,2489 *n*	1,2487 *n*	1,1999	1,2002	1,0242 *n*	1,0237 *n*
23	0,9657	0,9665	1,2448 *n*	1,2446 *n*	1,2043	1,2046	1,0121 *n*	1,0116 *n*
24	0,9780	0,9788	1,2406 *n*	1,2404 *n*	1,2085	1,2088	0,9994 *n*	0,9989 *n*
25	0,9900	0,9907	1,2362 *n*	1,2360 *n*	1,2126	1,2128	0,9863 *n*	0,9858 *n*
26	1,0014	1,0021	1,2317 *n*	1,2314 *n*	1,2165	1,2167	0,9726 *n*	0,9721 *n*
27	1,0125	1,0131	1,2270 *n*	1,2267 *n*	1,2202	1,2204	0,9584 *n*	0,9578 *n*
28	1,0232	1,0238	1,2220 *n*	1,2218 *n*	1,2238	1,2240	0,9435 *n*	0,9429 *n*
29	1,0335	1,0341	1,2170 *n*	1,2167 *n*	1,2273	1,2274	0,9279 *n*	0,9273 *n*
30	1,0434	1,0440	1,2117 *n*	1,2114 *n*	1,2306	1,2307	0,9117 *n*	0,9111 *n*
31	1,0530	1,0536	1,2063 *n*	1,2060 *n*	1,2337	1,2339	0,8947 *n*	0,8941 *n*
32	1,0623	1,0628	1,2006 *n*	1,2003 *n*	1,2367	1,2369	0,8768 *n*	0,8762 *n*

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	September.				October.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,2337	1,2339	0,8947 *n*	0,8941 *n*	1,2663	1,2663	0,3554	0,3560
1	1,2367	1,2369	0,8763 *n*	0,8762 *n*	1,2654	1,2654	0,4169	0,4173
2	1,2396	1,2397	0,8581 *n*	0,8574 *n*	1,2644	1,2644	0,4707	0,4710
3	1,2423	1,2425	0,8383 *n*	0,8376 *n*	1,2632	1,2632	0,5184	0,5187
4	1,2449	1,2450	0,8175 *n*	0,8168 *n*	1,2619	1,2619	0,5614	0,5615
5	1,2473	1,2475	0,7954 *n*	0,7947 *n*	1,2605	1,2605	0,6003	0,6004
6	1,2497	1,2498	0,7721 *n*	0,7714 *n*	1,2589	1,2589	0,6360	0,6360
7	1,2518	1,2519	0,7473 *n*	0,7465 *n*	1,2572	1,2572	0,6688	0,6688
8	1,2539	1,2540	0,7208 *n*	0,7200 *n*	1,2554	1,2554	0,6993	0,6993
9	1,2558	1,2559	0,6925 *n*	0,6917 *n*	1,2534	1,2534	0,7276	0,7276
10	1,2576	1,2577	0,6620 *n*	0,6612 *n*	1,2513	1,2513	0,7541	0,7540
11	1,2592	1,2593	0,6291 *n*	0,6282 *n*	1,2490	1,2491	0,7789	0,7789
12	1,2607	1,2608	0,5934 *n*	0,5924 *n*	1,2466	1,2467	0,8023	0,8022
13	1,2621	1,2622	0,5542 *n*	0,5532 *n*	1,2441	1,2441	0,8244	0,8243
14	1,2634	1,2635	0,5111 *n*	0,5100 *n*	1,2414	1,2414	0,8454	0,8452
15	1,2645	1,2646	0,4630 *n*	0,4618 *n*	1,2385	1,2386	0,8652	0,8651
16	1,2655	1,2656	0,4087 *n*	0,4074 *n*	1,2355	1,2356	0,8841	0,8839
17	1,2664	1,2665	0,3464 *n*	0,3451 *n*	1,2324	1,2325	0,9020	0,9019
18	1,2672	1,2672	0,2736 *n*	0,2720 *n*	1,2291	1,2292	0,9192	0,9190
19	1,2678	1,2678	0,1857 *n*	0,1839 *n*	1,2256	1,2257	0,9355	0,9353
20	1,2683	1,2683	0,0753 *n*	0,0731 *n*	1,2220	1,2221	0,9512	0,9510
21	1,2686	1,2687	9,9266 *n*	9,9237 *n*	1,2182	1,2183	0,9662	0,9660
22	1,2689	1,2689	9,6983 *n*	9,6936 *n*	1,2143	1,2144	0,9805	0,9803
23	1,2690	1,2691	9,1865 *n*	9,1717 *n*	1,2102	1,2103	0,9943	0,9941
24	1,2690	1,2690	9,2839	9,2942	1,2059	1,2060	1,0076	1,0074
25	1,2689	1,2689	9,7310	9,7346	1,2014	1,2015	1,0203	1,0201
26	1,2686	1,2687	9,9466	9,9486	1,1967	1,1968	1,0326	1,0323
27	1,2682	1,2683	0,0900	0,0914	1,1919	1,1920	1,0444	1,0441
28	1,2677	1,2677	0,1976	0,1986	1,1869	1,1870	1,0557	1,0555
29	1,2671	1,2671	0,2837	0,2844	1,1816	1,1818	1,0667	1,0664
30	1,2663	1,2663	0,3554	0,3560	1,1762	1,1764	1,0772	1,0770
31	1,2654	1,2654	0,4169	0,4173	1,1706	1,1707	1,0874	1,0872
32					1,1647	1,1649	1,0972	1,0970

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	November.				December.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,1706	1,1707	1,0874	1,0872	0,8551	0,8560	1,2716	1,2714
1	1,1647	1,1649	1,0972	1,0970	0,8363	0,8372	1,2747	1,2746
2	1,1587	1,1589	1,1067	1,1065	0,8165	0,8175	1,2777	1,2775
3	1,1524	1,1526	1,1159	1,1156	0,7956	0,7966	1,2805	1,2804
4	1,1458	1,1461	1,1247	1,1245	0,7734	0,7746	1,2832	1,2830
5	1,1391	1,1394	1,1332	1,1330	0,7500	0,7512	1,2857	1,2855
6	1,1321	1,1324	1,1415	1,1413	0,7250	0,7263	1,2880	1,2879
7	1,1249	1,1251	1,1495	1,1492	0,6984	0,6998	1,2903	1,2901
8	1,1174	1,1176	1,1572	1,1569	0,6698	0,6714	1,2923	1,2922
9	1,1096	1,1099	1,1646	1,1644	0,6391	0,6408	1,2943	1,2942
10	1,1015	1,1018	1,1718	1,1715	0,6060	0,6078	1,2960	1,2959
11	1,0932	1,0935	1,1787	1,1785	0,5699	0,5719	1,2977	1,2976
12	1,0845	1,0849	1,1854	1,1852	0,5304	0,5326	1,2992	1,2991
13	1,0755	1,0759	1,1919	1,1917	0,4868	0,4892	1,3005	1,3005
14	1,0662	1,0666	1,1981	1,1979	0,4381	0,4409	1,3017	1,3017
15	1,0566	1,0570	1,2041	1,2039	0,3831	0,3863	1,3028	1,3028
16	1,0466	1,0470	1,2100	1,2098	0,3200	0,3237	1,3038	1,3037
17	1,0362	1,0366	1,2156	1,2154	0,2460	0,2504	1,3046	1,3045
18	1,0254	1,0259	1,2210	1,2208	0,1565	0,1619	1,3052	1,3052
19	1,0142	1,0147	1,2262	1,2260	0,0434	0,0505	1,3058	1,3057
20	1,0026	1,0031	1,2312	1,2310	9,8899	9,9000	1,3062	1,3061
21	0,9905	0,9910	1,2360	1,2358	9,6500	9,6675	1,3064	1,3064
22	0,9779	0,9784	1,2407	1,2405	9,0688	9,1323	1,3065	1,3065
23	0,9647	0,9653	1,2451	1,2450	9,3271 *n*	9,2876 *n*	1,3065	1,3065
24	0,9511	0,9517	1,2494	1,2492	9,7339 *n*	9,7188 *n*	1,3064	1,3064
25	0,9368	0,9375	1,2535	1,2534	9,9402 *n*	0,9308 *n*	1,3061	1,3061
26	0,9219	0,9227	1,2575	1,2573	0,0793 *n*	0,0726 *n*	1,3056	1,3057
27	0,9064	0,9071	1,2612	1,2611	0,1845 *n*	0,1791 *n*	1,3051	1,3051
28	0,8901	0,8909	1,2648	1,2647	0,2689 *n*	0,2646 *n*	1,3044	1,3044
29	0,8730	0,8739	1,2683	1,2681	0,3395 *n*	0,3358 *n*	1,3035	1,3036
30	0,8551	0,8560	1,2716	1,2714	0,4001 *n*	0,3968 *n*	1,3025	1,3026
31	0,8363	0,8372	1,2747	1,2746	0,4531 *n*	0,4502 *n*	1,3014	1,3015
32					0,5002 *n*	0,4977 *n*	1,3001	1,3002

Tabulae X. Sectio prima.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque* α *Ursae minoris,*

ab Anno 1750 usque ad Annum 1770.

Tabulae X. Sect. I. *γ Pegasi.*

1750	Jan. 0	h 0 0	24,384	+13 47	40,46	1760 Jan. 1	h 0 0 53,096	+13 50	47,62
	Apr. 10		24,413		40,56	Apr. 10	53,094		47,70
	Jul. 19		24,433		40,60	Jul. 19	53,101		47,83
	Oct. 27		24,444		40,58	Oct. 27	53,117		48,02
	Dec. 66		24,446		40,51	Dec. 66	53,140		48,26
1751	Jan. 0	0 0	27,518	+13 48	0,58	1761 Jan. 0	0 0 56,204	+13 51	8,21
	Apr. 10		27,514		0,46	Apr. 10	56,234		8,49
	Jul. 19		27,502		0,30	Jul. 19	56,271		8,81
	Oct. 27		27,480		0,07	Oct. 27	56,316		9,17
	Dec. 66		27,450	47	59,79	Dec. 66	56,368		9,58
1752	Jan. 1	0 0	30,533	+13 48	19,93	1762 Jan. 0	0 0 59,422	+13 51	29,47
	Apr. 10		30,498		19,62	Apr. 10	59,479		29,91
	Jul. 19		30,454		19,26	Jul. 19	59,542		30,38
	Oct. 27		30,402		18,85	Oct. 27	59,611		30,88
	Dec. 66		30,342		18,40	Dec. 66	59,686		31,41
1753	Jan. 0	0 0	33,435	+13 48	38,59	1763 Jan. 0	0 1 2,733	+13 51	51,26
	Apr. 10		33,371		38,11	Apr. 10	2,811		51,81
	Jul. 19		33,300		37,60	Jul. 19	2,892		52,37
	Oct. 27		33,224		37,06	Oct. 27	2,977		52,95
	Dec. 66		33,141		36,48	Dec. 66	3,066		53,53
1754	Jan. 0	0 0	36,241	+13 48	56,71	1764 Jan. 1	0 1 6,109	+13 52	13,38
	Apr. 10		36,155		56,12	Apr. 10	6,200		13,98
	Jul. 19		36,066		55,52	Jul. 19	6,292		14,58
	Oct. 27		35,974		54,90	Oct. 27	6,385		15,18
	Dec. 66		35,878		54,26	Dec. 66	6,479		15,77
1755	Jan. 0	0 0	38,982	+13 49	14,51	1765 Jan. 0	0 1 9,521	+13 52	35,6
	Apr. 10		38,885		13,88	Apr. 10	9,614		36,20
	Jul. 19		38,788		13,25	Jul. 19	9,705		36,77
	Oct. 27		38,690		12,63	Oct. 27	9,795		37,33
	Dec. 66		38,593		12,02	Dec. 66	9,884		37,86
1756	Jan. 1	0 0	41,698	+13 49	32,26	1766 Jan. 0	0 1 12,927	+13 52	57,75
	Apr. 10		41,602		31,66	Apr. 10	13,014		58,24
	Jul. 19		41,508		31,09	Jul. 19	13,097		58,71
	Oct. 27		41,417		30,55	Oct. 27	13,175		59,17
	Dec. 66		41,330		30,03	Dec. 66	13,249		59,58
1757	Jan. 0	0 0	44,432	+13 49	50,24	1767 Jan. 0	0 1 16,298	+13 53	19,49
	Apr. 10		44,349		49,75	Apr. 10	16,369		19,83
	Jul. 19		44,269		49,30	Jul. 19	16,433		20,23
	Oct. 27		44,196		48,89	Oct. 27	16,491		20,58
	Dec. 66		44,129		48,53	Dec. 66	16,542		20,76
1758	Jan. 0	0 0	47,223	+13 50	8,68	1768 Jan. 1	0 1 19,599	+13 53	40,76
	Apr. 10		47,161		8,35	Apr. 10	19,645		40,99
	Jul. 19		47,106		8,08	Jul. 19	19,683		41,06
	Oct. 27		47,059		7,86	Oct. 27	19,713		41,13
	Dec. 66		47,020		7,69	Dec. 66	19,736		41,23
1759	Jan. 0	0 0	50,104	+13 50	27,78	1769 Jan. 0	0 1 22,802	+13 54	1,27
	Apr. 10		50,071		27,65	Apr. 10	22,818		1,23
	Jul. 19		50,046		27,58	Jul. 19	22,826		1,20
	Oct. 27		50,029		27,56	Oct. 27	22,825		1,19
	Dec. 66		50,021		27,60	Dec. 66	22,815		0,99

Tabulae X. Sect. I. *γ Pegasi.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−0,171	−11,2	+ 3,65	− 7,9	+3	+2	1750	0 0 23,4068	+13 47 33,914
10	−0,283	−11,9	+ 2,81	− 8,9	+3	+2	1751	0 26,4786	47 53,951
20	−0,389	−10,0	+ 1,87	− 9,8	+3	+2	1752	0 29,5505	48 13,989
30	−0,483	− 8,7	+ 0,86	−10,2	+2	+2	1753	0 32,6225	48 34,026
Febr. 9	−0,563	− 6,9	− 0,17	−10,2	+2	+2	1754	0 35,6946	48 54,063
							1755	0 38,7667	49 14,100
19	−0,621	− 4,5	− 1,17	− 9,6	+2	+2	1756	0 41,8390	49 34,137
Mart. 1	−0,653	− 1,7	− 2,09	− 8,5	+1	+2	1757	0 44,9113	49 54,173
11	−0,655	+ 1,6	− 2,87	− 6,9	0	+2	1758	0 47,9837	50 14,210
21	−0,621	+ 5,5	− 3,46	− 4,7	0	+1	1759	0 51,0562	50 34,246
31	−0,546	+ 9,5	− 3,81	− 2,2	−1	+1	1760	0 54,1289	50 54,282
							1761	0 57,2016	51 14,319
Apr. 10	−0,431	+13,6	− 3,89	+ 0,8	−1	+1	1762	1 0,2745	51 34,355
20	−0,275	+17,7	− 3,66	+ 3,9	−2	0	1763	1 3,3474	51 54,390
30	−0,078	+21,5	− 3,12	+ 7,0	−2	0	1764	1 6,4206	52 14,426
Maj. 10	+0,155	+24,9	− 2,27	+10,1	−2	−1	1765	1 9,4937	52 34,462
20	+0,420	+27,9	− 1,11	+13,1	−2	−1	1766	1 12,5669	52 54,497
							1767	1 15,6402	53 14,533
30	+0,712	+30,1	+ 0,34	+15,7	−2	−1	1768	1 18,7136	53 34,568
Jun. 9	+1,022	+31,5	+ 2,02	+17,9	−3	−2	1769	1 21,7871	53 54,603
19	+1,342	+32,1	+ 3,91	+19,7	−2	−2	1770	1 24,8607	54 14,638
29	+1,664	+31,9	+ 5,95	+20,9	−2	−2			
Jul. 9	+1,979	+30,8	+ 8,08	+21,6	−2	−2			
19	+2,280	+29,0	+10,26	+21,7	−2	−2			
29	+2,559	+26,5	+12,42	+21,3	−2	−2			
Aug. 8	+2,809	+23,4	+14,52	+20,5	−1	−2			
18	+3,026	+19,9	+16,51	+19,2	−1	−2			
28	+3,206	+16,1	+18,35	+17,5	0	−2			
Sept. 7	+3,348	+12,3	+20,01	+15,6	0	−2			
17	+3,451	+ 8,4	+21,47	+13,6	+1	−1			
27	+3,516	+ 4,8	+22,72	+11,3	+1	−1			
Oct. 7	+3,546	+ 1,4	+23,73	+ 9,0	+2	−1			
17	+3,543	− 1,7	+24,52	+ 6,8	+2	0			
27	+3,513	− 4,3	+25,08	+ 4,6	+3	0			
Nov. 6	+3,458	− 6,5	+25,43	+ 2,4	+3	0			
16	+3,384	− 8,2	+25,56	+ 0,3	+4	+1			
26	+3,295	− 9,5	+25,48	− 1,7	+4	+1			
Dec. 6	+3,194	−10,5	+25,22	− 3,6	+4	+1			
16	+3,085	−11,1	+24,77	− 5,4	+4	+1			
26	+2,972	−11,3	+24,15	− 6,9	+4	+2			
36	+2,859	−11,4	+23,39	− 8,4	+4	+2			

Diei reducto addendum est:

ante / post } Mart. 20 { + 1 / + 2

In mens. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *a Arietis.*

		^{h} $'$ $''$	$^\circ$ $'$ $''$			^{h} $'$ $''$	$^\circ$ $'$ $''$
1750	Jan. 0	1 53 9,492	+22 16 8,53	1760	Jan. 1	1 53 40,744	+22 18 51,43
	Apr. 10	9,528	8,23		Apr. 10	40,737	51,89
	Jul. 19	9,555	7,88		Jul. 19	40,740	52,38
	Oct. 27	9,572	7,47		Oct. 27	40,751	52,92
	Dec. 66	9,580	7,01		Dec. 66	40,772	53,49
1751	Jan. 0	1 53 12,920	+22 16 24,69	1761	Jan. 0	1 53 44,108	+22 19 10,79
	Apr. 10	12,921	24,20		Apr. 10	44,135	11,38
	Jul. 19	12,913	23,68		Jul. 19	44,171	11,99
	Oct. 27	12,895	23,12		Oct. 27	44,216	12,62
	Dec. 66	12,867	22,53		Dec. 66	44,269	13,27
1752	Jan. 1	1 53 16,219	+22 16 40,23	1762	Jan. 0	1 53 47,594	+22 19 30,54
	Apr. 10	16,184	39,62		Apr. 10	47,652	31,19
	Jul. 19	16,141	38,98		Jul. 19	47,717	31,85
	Oct. 27	16,089	38,32		Oct. 27	47,789	32,50
	Dec. 66	16,028	37,65		Dec. 66	47,867	33,16
1753	Jan. 0	1 53 19,391	+22 16 55,39	1763	Jan. 0	1 53 51,184	+22 19 50,43
	Apr. 10	19,324	54,71		Apr. 10	51,267	51,08
	Jul. 19	19,251	54,03		Jul. 19	51,354	51,71
	Oct. 27	19,171	53,35		Oct. 27	51,445	52,32
	Dec. 66	19,084	52,68		Dec. 66	51,540	52,91
1754	Jan. 0	1 53 22,456	+22 17 10,41	1764	Jan. 1	1 53 54,854	+22 20 10,20
	Apr. 10	22,364	9,73		Apr. 10	54,950	10,77
	Jul. 19	22,269	9,08		Jul. 19	55,048	11,31
	Oct. 27	22,170	8,48		Oct. 27	55,149	11,81
	Dec. 66	22,066	7,91		Dec. 66	55,251	12,28
1755	Jan. 0	1 53 25,444	+22 17 25,61	1765	Jan. 0	1 53 58,561	+22 20 29,61
	Apr. 10	25,339	25,04		Apr. 10	58,664	30,05
	Jul. 19	25,233	24,52		Jul. 19	58,765	30,44
	Oct. 27	25,127	24,04		Oct. 27	58,865	30,78
	Dec. 66	25,020	23,61		Dec. 66	58,963	31,07
1756	Jan. 1	1 53 28,398	+22 17 41,26	1766	Jan. 0	1 54 2,275	+22 20 48,45
	Apr. 10	28,292	40,86		Apr. 10	2,372	48,71
	Jul. 19	28,188	40,52		Jul. 19	2,464	48,91
	Oct. 27	28,088	40,23		Oct. 27	2,552	49,08
	Dec. 66	27,990	40,00		Dec. 66	2,636	49,15
1757	Jan. 0	1 53 31,365	+22 17 57,58	1767	Jan. 0	1 54 5,954	+22 21 6,59
	Apr. 10	31,270	57,39		Apr. 10	6,034	6,68
	Jul. 19	31,182	57,27		Jul. 19	6,108	6,61
	Oct. 27	31,099	57,21		Oct. 27	6,175	6,54
	Dec. 66	31,022	57,20		Dec. 66	6,235	6,40
1758	Jan. 0	1 53 34,390	+22 18 14,69	1768	Jan. 1	1 54 9,561	+22 21 23,99
	Apr. 10	34,318	14,75		Apr. 10	9,616	23,7
	Jul. 19	34,254	14,87		Jul. 19	9,662	23,5
	Oct. 27	34,198	15,04		Oct. 27	9,700	23,2
	Dec. 66	34,150	15,27		Dec. 66	9,729	22,8
1759	Jan. 0	1 53 37,508	+22 18 32,68	1769	Jan. 0	1 54 13,065	+22 21 40,4
	Apr. 10	37,467	32,95		Apr. 10	13,088	40,1
	Jul. 19	37,435	33,27		Jul. 19	13,102	39,6
	Oct. 27	37,411	33,65		Oct. 27	13,106	39,1
	Dec. 66	37,397	34,08		Dec. 66	13,100	38,6

Tabulae X. Sect. I. *a Arietis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	+0″,530	−10,6	+ 5″,86	− 2,5	+4	+1	1750	1 53 8,4434	+22 16 1,962
10	+0,414	−12,5	+ 5,53	− 4,2	+4	+1	1751	53 11,7850	16 19,478
20	+0,281	−13,8	+ 5,03	− 5,8	+4	+1	1752	53 15,1268	16 36,992
30	+0,138	−14,5	+ 4,38	− 7,2	+4	+2	1753	53 18,4688	16 54,504
ebr. 9	−0,009	−14,5	+ 3,60	− 8,3	+3	+2	1754	53 21,8110	17 12,013
							1755	53 25,1533	17 29,520
19	−0,151	−13,6	+ 2,73	− 9,0	+3	+2	1756	53 28,4959	17 47,024
Iart. 1	−0,281	−11,9	+ 1,81	− 9,3	+3	+2	1757	53 31,8387	18 4,526
11	−0,388	− 9,2	+ 0,87	− 9,2	+2	+2	1758	53 35,1817	18 22,026
21	−0,465	− 5,9	− 0,02	− 8,4	+2	+2	1759	53 38,5249	18 39,523
31	−0,505	− 1,9	− 0,81	− 7,2	+1	+2	1760	53 41,8682	18 57,018
							1761	53 45,2118	19 14,511
pr. 10	−0,502	+ 2,7	− 1,46	− 5,6	0	+2	1762	53 48,5556	19 32,001
20	−0,452	+ 7,5	− 1,92	− 3,5	0	+1	1763	53 51,8996	19 49,488
30	−0,353	+12,3	− 2,15	− 1,0	−1	+1	1764	53 55,2438	20 6,974
Iaj. 10	−0,206	+17,0	− 2,11	+ 1,8	−1	0	1765	53 58,5881	20 24,457
20	−0,013	+21,4	− 1,80	+ 4,5	−1	0	1766	54 1,9327	20 41,937
							1767	54 5,2775	20 59,415
30	+0,222	+25,3	− 1,21	+ 7,3	−2	−1	1768	54 8,6225	21 16,891
un. 9	+0,492	+28,4	− 0,34	+10,0	−2	−1	1769	54 11,9677	21 34,364
19	+0,790	+30,9	+ 0,73	+12,4	−2	−2	1770	54 15,3130	21 51,835
29	+1,109	+32,5	+ 2,13	+14,5	−2	−2			
ul. 9	+1,439	+33,2	+ 3,67	+16,1	−2	−2			
19	+1,773	+33,2	+ 5,35	+17,4	−2	−3			
29	+2,102	+32,3	+ 7,14	+18,2	−2	−3			
ug. 8	+2,419	+30,8	+ 8,98	+18,5	−2	−4			
18	+2,718	+28,7	+10,83	+18,4	−2	−4			
28	+2,993	+26,2	+12,65	+17,8	−1	−4			
Sept. 7	+3,241	+22,8	+14,39	+16,9	−1	−4			
17	+3,459	+19,8	+16,02	+15,7	0	−4			
27	+3,646	+17,1	+17,52	+14,3	0	−4			
Oct. 7	+3,800	+13,8	+18,88	+12,8	+1	−4			
17	+3,922	+10,7	+20,07	+11,0	+2	−4			
27	+4,013	+ 7,5	+21,08	+ 9,3	+2	−4			
Nov. 6	+4,072	+ 4,4	+21,93	+ 7,6	+3	−4			
16	+4,101	+ 1,5	+22,59	+ 5,8	+4	−3			
26	+4,101	− 1,4	+23,08	+ 4,0	+4	−3			
Dec. 6	+4,073	− 4,2	+23,39	+ 2,3	+5	−3			
16	+4,017	− 6,9	+23,53	+ 0,5	+5	−2			
26	+3,936	− 9,3	+23,48	− 1,4	+5	−2			
36	+3,832	−11,4	+23,25	− 3,1	+6	−2			

Diei reducto addendum est:

ante } Apr. 20 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *a Ceti.*

		α	δ				α	δ	
1750	Jan. 0	2 49 15,462	+ 3	5 41,56	1760	Jan. 1	2 49 44,568	+ 3	7 58,04
	Apr. 10	15,479		41,08		Apr. 10	44,578		58,63
	Jul. 19	15,488		40,56		Jul. 19	44,596		59,25
	Oct. 27	15,488		40,00		Oct. 27	44,623		59,91
	Dec. 66	15,479		39,39		Dec. 66	44,658		8 0,61
1751	Jan. 0	2 49 18,599	+ 3	5 54,30	1761	Jan. 0	2 49 47,762	+ 3	8 15,05
	Apr. 10	18,584		53,67		Apr. 10	47,802		15,75
	Jul. 19	18,560		53,01		Jul. 19	47,850		16,46
	Oct. 27	18,528		52,33		Oct. 27	47,904		17,17
	Dec. 66	18,487		51,62		Dec. 66	47,966		17,88
1752	Jan. 1	2 49 21,618	+ 3	6 6,56	1762	Jan. 0	2 49 51,062	+ 3	8 32,32
	Apr. 10	21,577		5,84		Apr. 10	51,128		33,03
	Jul. 19	21,517		5,12		Jul. 19	51,199		33,72
	Oct. 27	21,454		4.39		Oct. 27	51,275		34,39
	Dec. 66	21,387		3,66		Dec. 66	51,357		35,05
1753	Jan. 0	2 49 24,527	+ 3	6 18,61	1763	Jan. 0	2 49 54,446	+ 3	8 49,51
	Apr. 10	24,454		17,89		Apr. 10	54,529		50,15
	Jul. 19	24,375		17,19		Jul. 19	54,617		50,76
	Oct. 27	24,292		16,51		Oct. 27	54,707		51,33
	Dec. 66	24,203		15,85		Dec. 66	54,799		51,87
1754	Jan. 0	2 49 27,349	+ 3	6 30,77	1764	Jan. 1	2 49 57,885	+ 3	9 6,36
	Apr. 10	27,258		30,13		Apr. 10	57,978		6,87
	Jul. 19	27,164		29,53		Jul. 19	58,072		7,32
	Oct. 27	27,068		28,97		Oct. 27	58,165		7,73
	Dec. 66	26,969		28,46		Dec. 66	58,258		8,09
1755	Jan. 0	2 49 30,119	+ 3	6 43,33	1765	Jan. 0	2 50 1,344	+ 3	9 22,64
	Apr. 10	30,020		42,85		Apr. 10	1,437		22,96
	Jul. 19	29,922		42,43		Jul. 19	1,527		23,22
	Oct. 27	29,826		42,07		Oct. 27	1,614		23,42
	Dec. 66	29,730		41,76		Dec. 66	1,699		23,56
1756	Jan. 1	2 49 32,878	+ 3	6 57,55	1766	Jan. 0	2 50 4,788	+ 3	9 38,18
	Apr. 10	32,784		57,29		Apr. 10	4,871		38,28
	Jul. 19	32,694		57,10		Jul. 19	4,948		38,31
	Oct. 27	32,608		56,98		Oct. 27	5,020		38,28
	Dec. 66	32,526		56,92		Dec. 66	5,086		38,19
1757	Jan. 0	2 49 35,669	+ 3	7 10,62	1767	Jan. 0	2 50 8,182	+ 3	9 52,89
	Apr. 10	35,591		10,61		Apr. 10	8,245		52,73
	Jul. 19	35,519		10,67		Jul. 19	8,301		52,53
	Oct. 27	35,454		10,79		Oct. 27	8,350		52,29
	Dec. 66	35,396		10,98		Dec. 66	8,391		51,99
1758	Jan. 0	2 49 38,531	+ 3	7 25,60	1768	Jan. 1	2 50 11,495	+ 3	10 6,7
	Apr. 10	38,477		25,84		Apr. 10	11,531		6,3
	Jul. 19	38,432		26,13		Jul. 19	11,559		5,9
	Oct. 27	38,395		26,49		Oct. 27	11,579		5,5
	Dec. 66	38,367		26,90		Dec. 66	11,590		4,9
1759	Jan. 0	2 49 41,492	+ 3	7 31,44	1769	Jan. 0	2 50 14,705	+ 3	10 19,3
	Apr. 10	41,469		31,89		Apr. 10	14,710		19,2
	Jul. 19	41,455		32,39		Jul. 19	14,706		18,6
	Oct. 27	41,450		32,95		Oct. 27	14,693		18,0
	Dec. 66	41,454		33,56		Dec. 66	14,671		17,3

Tabulae X. Sect. I. *α Ceti.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+0,774	−7,4	− 0,66	− 7,4	+3	+1	1750	2 49 14,4458	+ 3 5 35,580
10	+0,687	− 9,9	− 1,38	− 6,9	+3	+1	1751	49 17,5618	5 50,290
20	+0,576	−12,1	− 2,03	− 6,1	+3	+1	1752	49 20,6779	6 4,997
30	+0,446	−13,7	− 2,60	− 5,3	+3	+1	1753	49 23,7941	6 19,701
Febr. 9	+0,303	−14,6	− 3,08	− 4,3	+3	+1	1754	49 26,9104	6 34,402
							1755	49 30,0266	6 49,100
19	+0,155	−14,7	− 3,46	− 3,2	+3	+1	1756	49 33,1431	7 4,795
März 1	+0,009	−14,0	− 3,71	− 1,9	+3	+1	1757	49 36,2597	7 18,486
11	−0,125	−12,5	− 3,83	− 0,4	+2	0	1758	49 39,3764	7 33,174
21	−0,240	−10,1	− 3,79	+ 1,3	+2	0	1759	49 42,4931	7 47,859
31	−0,326	− 6,8	− 3,58	+ 3,1	+2	0	1760	49 45,6099	8 2,541
							1761	49 48,7268	8 17,220
April 10	−0,376	− 3,0	− 3,18	+ 5,1	+1	−1	1762	49 51,8438	8 31,895
20	−0,386	+ 1,2	− 2,57	+ 7,1	+1	−1	1763	49 54,9609	8 46,568
30	−0,352	+ 5,8	− 1,76	+ 9,2	0	−1	1764	49 58,0781	9 1,237
Maj. 10	−0,271	+10,3	− 0,74	+11,3	0	−2	1765	50 1,1956	9 15,903
20	−0,146	+14,7	+ 0,49	+13,2	−1	−2	1766	50 4,3130	9 30,566
							1767	50 7,4305	9 45,226
30	+0,023	+18,9	+ 1,89	+15,8	−1	−2	1768	50 10,5481	9 59,882
Jun. 9	+0,231	+22,5	+ 3,45	+16,3	−1	−3	1769	50 13,6658	10 14,536
19	+0,472	+25,5	+ 5,14	+17,3	−2	−3	1770	50 16,7837	10 29,186
29	+0,740	+27,9	+ 6,90	+17,8	−2	−3			
Jul. 9	+1,029	+29,5	+ 8,69	+17,9	−2	−3			
19	+1,329	+30,4	+10,47	+17,4	−2	−3			
29	+1,636	+30,6	+12,17	+16,5	−2	−3			
Aug. 8	+1,941	+30,0	+13,76	+15,0	−2	−3			
18	+2,236	+28,9	+15,17	+13,2	−2	−3			
28	+2,518	+27,3	+16,39	+11,0	−2	−3			
Sept. 7	+2,782	+25,3	+17,36	+ 8,5	−2	−3			
17	+3,024	+23,0	+18,09	+ 6,0	−1	−3			
27	+3,242	+20,5	+18,55	+ 3,3	−1	−3			
Oct. 7	+3,434	+17,8	+18,75	+ 0,8	−1	−3			
17	+3,598	+15,0	+18,71	− 1,5	0	−3			
27	+3,734	+12,2	+18,46	− 3,4	0	−3			
Nov. 6	+3,841	+ 9,3	+18,03	− 5,1	+1	−3			
16	+3,919	+ 6,4	+17,45	− 6,3	+2	−3			
26	+3,967	+ 3,4	+16,77	− 7,1	+2	−3			
Dec. 6	+3,985	+ 0,4	+16,03	− 7,6	+3	−2			
16	+3,974	− 2,7	+15,25	− 7,8	+3	−2			
26	+3,932	− 5,7	+14,48	− 7,6	+3	−2			
36	+3,861	− 8,4	+13,74	− 7,2	+4	−2			

Diei reducto addendum est:

ante / post Maj. 5 : + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	4 21 37,442	+15 59 0,24	1760	Jan. 1	4 22 9,414	+16 0 15,27
	Apr. 10	37,465	58 59,54		Apr. 10	9,422	16,05
	Jul. 19	37,479	58,81		Jul. 19	9,437	16,84
	Oct. 27	37,483	58,05		Oct. 27	9,462	17,63
	Dec. 66	37,477	57,27		Dec. 66	9,496	18,42
1751	Jan. 0	4 21 40,902	+15 59 5,71	1761	Jan. 0	4 22 12,907	+16 0 26,28
	Apr. 10	40,889	4,91		Apr. 10	12,947	27,07
	Jul. 19	40,867	4,12		Jul. 19	12,996	27,83
	Oct. 27	40,835	3,33		Oct. 27	13,052	28,58
	Dec. 66	40,794	2,53		Dec. 66	13,117	29,31
1752	Jan. 1	4 21 44,231	+15 59 10,96	1762	Jan. 0	4 22 16,517	+16 0 37,19
	Apr. 10	44,184	10,17		Apr. 10	16,585	37,89
	Jul. 19	44,128	9,41		Jul. 19	16,662	38,56
	Oct. 27	44,064	8,66		Oct. 27	16,744	39,18
	Dec. 66	43,991	7,94		Dec. 66	16,831	39,76
1753	Jan. 0	4 21 47,438	+15 59 16,35	1763	Jan. 0	4 22 20,224	+16 0 47,69
	Apr. 10	47,361	15,65		Apr. 10	20,314	48,24
	Jul. 19	47,277	15,00		Jul. 19	20,408	48,75
	Oct. 27	47,187	14,40		Oct. 27	20,505	49,17
	Dec. 66	47,092	13,84		Dec. 66	20,606	49,55
1754	Jan. 0	4 21 50,547	+15 59 22,18	1764	Jan. 1	4 22 23,995	+16 0 57,54
	Apr. 10	50,448	21,66		Apr. 10	24,097	57,88
	Jul. 19	50,346	21,21		Jul. 19	24,199	58,15
	Oct. 27	50,242	20,82		Oct. 27	24,301	58,35
	Dec. 66	50,135	20,50		Dec. 66	24,404	58,48
1755	Jan. 0	4 21 53,593	+15 59 28,75	1765	Jan. 0	4 22 27,793	+16 1 6,56
	Apr. 10	53,486	28,47		Apr. 10	27,895	6,64
	Jul. 19	53,379	28,27		Jul. 19	27,995	6,66
	Oct. 27	53,271	28,14		Oct. 27	28,092	6,60
	Dec. 66	53,164	28,09		Dec. 66	28,187	6,48
1756	Jan. 1	4 21 56,622	+15 59 36,26	1766	Jan. 0	4 22 31,579	+16 1 14,64
	Apr. 10	56,517	36,26		Apr. 10	31,671	14,47
	Jul. 19	56,416	36,33		Jul. 19	31,758	14,23
	Oct. 27	56,320	36,48		Oct. 27	31,840	13,93
	Dec. 66	56,228	36,70		Dec. 66	31,916	13,56
1757	Jan. 0	4 21 59,681	+15 59 44,76	1767	Jan. 0	4 22 35,314	+16 1 21,79
	Apr. 10	59,592	45,03		Apr. 10	35,386	21,38
	Jul. 19	59,511	45,37		Jul. 19	35,451	20,91
	Oct. 27	59,436	45,78		Oct. 27	35,507	20,38
	Dec. 66	59,369	46,25		Dec. 66	35,556	19,80
1758	Jan. 0	4 22 2,813	+15 59 54,23	1768	Jan. 1	4 22 38,964	+16 1 28,10
	Apr. 10	2,750	54,74		Apr. 10	39,008	27,48
	Jul. 19	2,696	55,30		Jul. 19	39,042	26,83
	Oct. 27	2,652	55,91		Oct. 27	39,068	26,14
	Dec. 66	2,618	56,57		Dec. 66	39,083	25,41
1759	Jan. 0	4 22 6,051	+16 0 4,48	1769	Jan. 0	4 22 42,503	+16 1 33,75
	Apr. 10	6,022	5,17		Apr. 10	42,512	33,00
	Jul. 19	6,002	5,88		Jul. 19	42,512	32,23
	Oct. 27	5,993	6,63		Oct. 27	42,502	31,45
	Dec. 66	5,993	7,40		Dec. 66	42,483	30,65

Tabulae X. Sect. I. *α Tauri.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,202	−0,7	+ 1,33	− 2,5	+2	−1	1750	4 21 36,3366	+15 58 55,972
10	+1,175	− 4,8	+ 1,08	− 2,5	+2	−1	1751	21 39,7583	59 4,147
20	+1,107	− 8,6	+ 0,83	− 2,6	+3	−1	1752	21 43,1801	59 12,317
30	+1,004	−11,8	+ 0,57	− 2,7	+3	0	1753	21 46,6020	59 20,483
Febr. 9	+0,871	−14,5	+ 0,30	− 2,7	+3	0	1754	21 50,0240	59 28,645
							1755	21 53,4460	59 36,800
19	+0,714	−16,4	+ 0,03	− 2,8	+3	0	1756	21 56,8683	59 44,953
Mart. 1	+0,544	−17,2	− 0,25	− 2,8	+4	0	1757	22 0,2906	59 53,101
11	+0,371	−17,0	− 0,53	− 2,8	+3	0	1758	22 3,7130	+16 0 1,244
21	+0,205	−15,7	− 0,80	− 2,5	+3	0	1759	22 7,1356	0 9,382
31	+0,057	−13,5	− 1,03	− 2,1	+3	0	1760	22 10,5583	0 17,516
							1761	22 13,9811	0 25,645
Apr. 10	−0,064	−10,3	− 1,21	− 1,4	+3	0	1762	22 17,4040	0 33,770
20	−0,149	− 6,5	− 1,31	− 0,5	+2	0	1763	22 20,8270	0 41,890
30	−0,194	− 2,2	− 1,31	+ 0,6	+2	0	1764	22 24,2501	0 50,005
Maj. 10	−0,193	+ 2,5	− 1,19	+ 1,9	+1	0	1765	22 27,6732	0 58,116
20	−0,145	+ 7,2	− 0,93	+ 3,4	+1	0	1766	22 31,0965	1 6,222
							1767	22 34,5199	1 14,324
30	−0,050	+11,8	− 0,52	+ 4,9	0	0	1768	22 37,9434	1 22,421
Jun. 9	+0,091	+16,1	+ 0,04	+ 6,3	0	−1	1769	22 41,3670	1 30,513
19	+0,272	+20,0	+ 0,74	+ 7,6	−1	−1	1770	22 44,7909	1 38,601
29	+0,490	+23,4	+ 1,56	+ 8,8	−1	−1			
Jul. 9	+0,739	+26,1	+ 2,50	+ 9,8	−2	−2			
19	+1,011	+28,2	+ 3,51	+10,3	−2	−2			
29	+1,302	+29,7	+ 4,55	+10,5	−2	−3			
Aug. 8	+1,604	+30,5	+ 5,60	+10,4	−2	−3			
18	+1,911	+30,8	+ 6,62	+ 9,8	−2	−3			
28	+2,219	+30,6	+ 7,56	+ 8,9	−2	−4			
Sept. 7	+2,522	+29,9	+ 8,40	+ 7,8	−2	−4			
17	+2,817	+29,0	+ 9,12	+ 6,5	−2	−4			
27	+3,101	+27,7	+ 9,69	+ 5,0	−2	−5			
Oct. 7	+3,370	+26,0	+10,11	+ 3,5	−2	−5			
17	+3,621	+24,1	+10,38	+ 2,1	−1	−5			
27	+3,851	+21,9	+10,52	+ 0,8	−1	−5			
Nov. 6	+4,058	+19,4	+10,54	− 0,3	0	−5			
16	+4,238	+16,5	+10,46	− 1,2	0	−5			
26	+4,388	+13,3	+10,30	− 1,8	+1	−6			
Dec. 6	+4,503	+ 9,7	+10,10	− 2,2	+2	−6			
16	+4,582	+ 5,9	+ 9,87	− 2,4	+2	−6			
26	+4,621	+ 1,9	+ 9,62	− 2,5	+3	−5			
36	+4,619	− 2,2	+ 9,37	− 2,5	+3	−5			

Diei reducto addendum est:

ante } Maj. 28 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Aurigae.*

1750	Jan. 0	h 4 58 17″,401	+45° 42′ 43″,65	1760	Jan. 1	h 4 58 58″,532	+45° 43′ 27″,93
	Apr. 10	17,437	42,91		Apr. 10	58,534	28,75
	Jul. 19	17,461	42,14		Jul. 19	58,548	29,56
	Oct. 27	17,473	41,34		Oct. 27	58,574	30,36
	Dec. 66	17,472	40,52		Dec. 66	58,613	31,16
1751	Jan. 0	4 58 21,874	+45 42 45,71	1761	Jan. 0	4 59 3,001	+45 43 35,74
	Apr. 10	21,864	44,89		Apr. 10	3,047	36,53
	Jul. 19	21,842	44,07		Jul. 19	3,104	37,29
	Oct. 27	21,808	43,77		Oct. 27	3,172	38,01
	Dec. 66	21,761	42,47		Dec. 66	3,250	38,71
1752	Jan. 1	4 58 26,178	+45 42 47,64	1762	Jan. 0	4 59 7,625	+45 43 43,32
	Apr. 10	26,123	46,86		Apr. 10	7,710	43,99
	Jul. 19	26,057	46,11		Jul. 19	7,802	44,62
	Oct. 27	25,980	45,39		Oct. 27	7,903	45,19
	Dec. 66	25,891	44,70		Dec. 66	8,012	45,71
1753	Jan. 0	4 58 30,323	+45 42 49,83	1763	Jan. 0	4 59 12,377	+45 43 50,38
	Apr. 10	30,228	49,17		Apr. 10	12,491	50,87
	Jul. 19	30,124	48,58		Jul. 19	12,609	51,29
	Oct. 27	30,013	48,03		Oct. 27	12,732	51,65
	Dec. 66	29,893	47,54		Dec. 66	12,859	51,94
1754	Jan. 0	4 58 34,334	+45 42 52,59	1764	Jan. 1	4 59 17,219	+45 43 56,68
	Apr. 10	34,210	52,13		Apr. 10	17,349	56,93
	Jul. 19	34,081	51,77		Jul. 19	17,480	57,11
	Oct. 27	33,948	51,47		Oct. 27	17,612	57,22
	Dec. 66	33,811	51,24		Dec. 66	17,745	57,26
1755	Jan. 0	4 58 38,258	+45 42 56,19	1765	Jan. 0	4 59 22,103	+45 44 2,08
	Apr. 10	38,119	56,01		Apr. 10	22,236	2,07
	Jul. 19	37,981	55,91		Jul. 19	22,366	1,98
	Oct. 27	37,843	55,88		Oct. 27	22,495	1,83
	Dec. 66	37,705	55,93		Dec. 66	22,617	1,60
1756	Jan. 1	4 58 42,152	+45 43 0,79	1766	Jan. 0	4 59 26,979	+45 44 6,51
	Apr. 10	42,016	0,89		Apr. 10	27,101	6,24
	Jul. 19	41,884	1,07		Jul. 19	27,216	5,90
	Oct. 27	41,757	1,32		Oct. 27	27,325	5,50
	Dec. 66	41,635	1,65		Dec. 66	27,427	5,03
1757	Jan. 0	4 58 46,076	+45 43 6,40	1767	Jan. 0	4 59 31,797	+45 44 10,00
	Apr. 10	45,958	6,78		Apr. 10	31,894	9,50
	Jul. 19	45,849	7,22		Jul. 19	31,982	8,94
	Oct. 27	45,749	7,72		Oct. 27	32,061	8,33
	Dec. 66	45,657	8,28		Dec. 66	32,130	7,67
1758	Jan. 0	4 58 50,088	+45 43 12,96	1768	Jan. 1	4 59 36,511	+45 44 12,70
	Apr. 10	50,002	13,56		Apr. 10	36,573	12,01
	Jul. 19	49,928	14,20		Jul. 19	36,623	11,29
	Oct. 27	49,865	14,88		Oct. 27	36,662	10,54
	Dec. 66	49,813	15,61		Dec. 66	36,689	9,76
1759	Jan. 0	4 58 54,231	+45 43 20,23	1769	Jan. 0	4 59 41,085	+45 44 14,32
	Apr. 10	54,187	20,98		Apr. 10	41,104	14,02
	Jul. 19	54,155	21,75		Jul. 19	41,110	13,22
	Oct. 27	54,136	22,54		Oct. 27	41,103	12,40
	Dec. 66	54,129	23,35		Dec. 66	41,084	11,58

Tabulae X. Sect. I. *α Aurigae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jan. 0	+1,805	+ 2,1	+4,45	+13,9	+3	− 4	1750	4 58 15,9950	+45 42 40,302
10	+1,796	− 3,9	+5,79	+12,7	+4	− 4	1751	58 20,3952	42 45,214
20	+1,728	− 9,7	+6,98	+11,0	+5	− 4	1752	58 24,7956	42 50,120
30	+1,603	−15,0	+7,98	+ 8,8	+5	− 3	1753	58 29,1962	42 55,019
Febr. 9	+1,429	−19,4	+8,73	+ 6,1	+6	− 3	1754	58 33,5970	42 59,913
							1755	58 37,9980	43 4,800
19	+1,216	−22,6	+9,20	+ 3,3	+6	− 2	1756	58 42,3992	43 9,681
Mart. 1	+0,977	−24,5	+9,38	+ 0,2	+6	− 1	1757	58 46,8005	43 14,555
11	+0,727	−25,0	+9,24	− 2,9	+6	0	1758	58 51,2020	43 19,424
21	+0,478	−24,0	+8,81	− 5,7	+6	0	1759	58 55,6037	43 24,286
31	+0,247	−21,6	+8,11	− 8,3	+6	+ 1	1760	59 0,0056	43 29,142
							1761	59 4,4077	43 33,992
Apr. 10	+0,046	−18,0	+7,16	−10,5	+5	+ 1	1762	59 8,8100	43 38,835
20	−0,112	−13,3	+6,02	−12,1	+4	+ 2	1763	59 13,2124	43 43,673
30	−0,220	− 7,9	+4,75	−13,2	+4	+ 2	1764	59 17,6150	43 48,504
Maj. 10	−0,270	− 1,9	+3,39	−13,7	+3	+ 2	1765	59 22,0178	43 53,329
20	−0,257	+ 4,4	+2,01	−13,7	+2	+ 2	1766	59 26,4208	43 58,148
							1767	59 30,8240	44 2,960
30	−0,183	+10,5	+0,66	−13,1	+1	+ 2	1768	59 35,2274	44 7,766
Jun. 9	−0,047	+16,5	−0,61	−12,1	0	+ 2	1769	59 39,6309	44 12,566
19	+0,146	+21,9	−1,76	−10,6	−1	+ 2	1770	59 44,0346	44 17,360
29	+0,390	+26,8	−2,73	− 8,9	−2	+ 1			
Jul. 9	+0,681	+31,0	−3,54	− 7,1	−2	0			
19	+1,010	+34,4	−4,14	− 5,0	−3	0			
29	+1,369	+37,1	−4,54	− 3,0	−3	− 1			
Aug. 8	+1,752	+39,1	−4,73	− 0,9	−4	− 2			
18	+2,150	+40,3	−4,72	+ 1,1	−4	− 3			
28	+2,557	+40,9	−4,52	+ 2,9	−4	− 4			
Sept. 7	+2,968	+41,0	−4,14	+ 4,7	−4	− 5			
17	+3,376	+40,5	−3,59	+ 6,3	−4	− 5			
27	+3,777	+39,5	−2,89	+ 7,8	−4	− 6			
Oct. 7	+4,166	+38,0	−2,04	+ 9,2	−3	− 7			
17	+4,537	+36,0	−1,05	+10,5	−3	− 8			
27	+4,886	+33,6	+0,06	+11,7	−2	− 9			
Nov. 6	+5,208	+30,5	+1,28	+12,8	−1	− 9			
16	+5,495	+26,8	+2,61	+13,7	0	−10			
26	+5,743	+22,4	+4,01	+14,3	+1	−10			
Dec. 6	+5,943	+17,5	+5,47	+14,8	+2	−11			
16	+6,092	+11,9	+6,96	+14,8	+3	−11			
26	+6,181	+ 6,0	+8,42	+14,4	+4	−11			
36	+6,211	− 0,1	+9,83	+14,0	+5	−10			

Diei reducto addendum est:

ante } Jun. 6 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Orionis.*

		h	′	″	°	′	″
1750	Jan. 0	5	2	33,009	— 8	30	37,33
	Apr. 10			33,021			38,10
	Jul. 19			33,025			38,88
	Oct. 27			33,021			39,68
	Dec. 66			33,008			40,50
1751	Jan. 0	5	2	35,889	— 8	30	35,28
	Apr. 10			35,871			36,10
	Jul. 19			35,845			36,92
	Oct. 27			35,811			37,72
	Dec. 66			35,769			38,52
1752	Jan. 1	5	2	38,660	— 8	30	33,31
	Apr. 10			38,613			34,09
	Jul. 19			38,560			34,84
	Oct. 27			38,500			35,55
	Dec. 66			38,434			36,23
1753	Jan. 0	5	2	41,332	— 8	30	31,07
	Apr. 10			41,262			31,72
	Jul. 19			41,187			32,31
	Oct. 27			41,108			32,85
	Dec. 66			41,024			33,33
1754	Jan. 0	5	2	43,928	— 8	30	28,24
	Apr. 10			43,843			28,68
	Jul. 19			43,756			29,04
	Oct. 27			43,666			29,33
	Dec. 66			43,574			29,55
1755	Jan. 0	5	2	46,480	— 8	30	24,56
	Apr. 10			46,389			24,73
	Jul. 19			46,299			24,82
	Oct. 27			46,210			24,82
	Dec. 66			46,123			24,74
1756	Jan. 1	5	2	49,028	— 8	30	19,88
	Apr. 10			48,942			19,76
	Jul. 19			48,861			19,57
	Oct. 27			48,783			19,31
	Dec. 66			48,710			18,97
1757	Jan. 0	5	2	51,610	— 8	30	14,17
	Apr. 10			51,540			13,78
	Jul. 19			51,477			13,33
	Oct. 27			51,420			12,82
	Dec. 66			51,369			12,25
1758	Jan. 0	5	2	54,261	— 8	30	7,53
	Apr. 10			54,215			6,92
	Jul. 19			54,177			6,27
	Oct. 27			54,147			5,58
	Dec. 66			54,125			4,85
1759	Jan. 0	5	2	57,007	— 8	30	0,18
	Apr. 10			56,990		29	59,45
	Jul. 19			56,981			58,69
	Oct. 27			56,980			58,88
	Dec. 66			56,988			57,04

		h	′	″	°	′	″
1760	Jan. 1	5	2	59,860	— 8	29	52,40
	Apr. 10			59,873			51,58
	Jul. 19			59,894			50,77
	Oct. 27			59,922			49,97
	Dec. 66			59,958			49,17
1761	Jan. 0	5	3	2,821	— 8	29	44,53
	Apr. 10			2,862			43,75
	Jul. 19			2,909			42,99
	Oct. 27			2,963			42,27
	Dec. 66			3,023			41,58
1762	Jan. 0	5	3	5,878	— 8	29	36,90
	Apr. 10			5,942			36,24
	Jul. 19			6,010			35,62
	Oct. 27			6,082			35,06
	Dec. 66			6,159			34,54
1763	Jan. 0	5	3	9,009	— 8	29	29,81
	Apr. 10			9,088			29,33
	Jul. 19			9,170			28,92
	Oct. 27			9,254			28,57
	Dec. 66			9,339			28,28
1764	Jan. 1	5	3	12,186	— 8	29	23,47
	Apr. 10			12,273			23,23
	Jul. 19			12,359			23,07
	Oct. 27			12,445			22,97
	Dec. 66			12,530			22,94
1765	Jan. 0	5	3	15,378	— 8	29	18,05
	Apr. 10			15,462			18,07
	Jul. 19			15,544			18,17
	Oct. 27			15,623			18,33
	Dec. 66			15,699			18,57
1766	Jan. 0	5	3	18,550	— 8	29	13,60
	Apr. 10			18,624			13,88
	Jul. 19			18,693			14,22
	Oct. 27			18,756			14,64
	Dec. 66			18,815			15,12
1767	Jan. 0	5	3	21,672	— 8	29	10,07
	Apr. 10			21,727			10,58
	Jul. 19			21,775			11,15
	Oct. 27			21,816			11,76
	Dec. 66			21,851			12,43
1768	Jan. 1	5	3	24,716	— 8	29	7,33
	Apr. 10			24,745			8,02
	Jul. 19			24,767			8,75
	Oct. 27			24,781			9,51
	Dec. 66			24,787			10,29
1769	Jan. 0	5	3	27,662	— 8	29	5,15
	Apr. 10			27,663			5,95
	Jul. 19			27,655			6,76
	Oct. 27			27,639			7,58
	Dec. 66			27,615			8,40

Tabulae X. Sect. I. *β Orionis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,274	+ 1,2	− 2,97	−15,9	+1	+1	1750	5 2 32,0629	− 8 30 40,595
10	+1,264	− 3,1	− 4,49	−14,4	+2	+1	1751	2 34,9382	30 35,648
20	+1,213	− 7,1	− 5,84	−12,4	+2	+1	1752	2 37,8136	30 30,705
30	+1,123	−10,7	− 6,97	−10,2	+2	0	1753	2 40,6890	30 25,766
Febr. 9	+0,999	−13,8	− 7,87	− 7,8	+3	0	1754	2 43,5644	30 20,831
							1755	2 46,4400	30 15,900
19	+0,848	−16,1	− 8,53	− 5,4	+3	0	1756	2 49,3154	30 10,973
Mart. 1	+0,677	−17,6	− 8,94	− 2,9	+3	0	1757	2 52,1910	30 6,051
11	+0,497	−18,0	− 9,10	− 0,4	+3	0	1758	2 55,0666	30 1,133
21	+0,317	−17,5	− 9,01	+ 2,2	+3	−1	1759	2 57,9423	29 56,219
31	+0,148	−16,0	− 8,67	+ 4,6	+3	−1	1760	3 0,8180	29 51,308
							1761	3 3,6937	29 46,402
Apr. 10	−0,002	−13,6	− 8,09	+ 7,1	+2	−1	1762	3 6,5695	29 41,500
20	−0,123	−10,5	− 7,26	+ 9,4	+2	−1	1763	3 9,4453	29 36,602
30	−0,211	− 6,8	− 6,21	+11,7	+2	−1	1764	3 12,3212	29 31,708
Maj. 10	−0,258	− 2,6	− 4,93	+13,8	+1	−2	1765	3 15,1972	29 26,818
20	−0,262	+ 1,8	− 3,46	+15,6	+1	−2	1766	3 18,0732	29 21,934
							1767	3 20,9492	29 17,053
30	−0,223	+ 6,1	− 1,81	+17,2	+1	−2	1768	3 23,8253	29 12,176
Jun. 9	−0,141	+10,3	− 0,03	+18,5	0	−2	1769	3 26,7014	29 7,303
19	−0,017	+14,3	+ 1,88	+19,2	0	−3	1770	3 29,5774	29 2,433
29	+0,144	+17,8	+ 3,81	+19,4	−1	−3			
Jul. 9	+0,339	+20,9	+ 5,76	+19,3	−1	−3			
19	+0,562	+23,5	+ 7,66	+18,4	−1	−3			
29	+0,809	+25,6	+ 9,44	+17,0	−2	−3			
Aug. 8	+1,073	+27,1	+11,05	+15,0	−2	−3			
18	+1,350	+28,0	+12,43	+12,4	−2	−3			
28	+1,633	+28,5	+13,52	+ 9,3	−2	−3			
Sept. 7	+1,919	+28,6	+14,29	+ 5,9	−2	−3			
17	+2,205	+28,3	+14,70	+ 2,3	−2	−3			
27	+2,484	+27,5	+14,74	− 1,5	−2	−3			
Oct. 7	+2,755	+26,5	+14,41	− 5,1	−2	−3			
17	+3,013	+25,0	+13,72	− 8,6	−2	−3			
27	+3,254	+23,1	+12,70	−11,6	−1	−3			
Nov. 6	+3,475	+20,9	+11,40	−14,1	−1	−3			
16	+3,672	+18,3	+ 9,88	−16,0	−1	−3			
26	+3,841	+15,2	+ 8,21	−17,2	0	−3			
Dec. 6	+3,976	+11,7	+ 6,45	−17,7	0	−3			
16	+4,075	+ 7,9	+ 4,68	−17,5	+1	−3			
26	+4,134	+ 3,8	+ 2,96	−16,7	+1	−3			
36	+4,151	− 0,4	+ 1,35	−15,4	+2	−3			

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Tauri.*

1750	Jan. 0	5 10 31,673	+28 22 10,38	1760	Jan. 1	5 11 6,982	+28 22 47,09
	Apr. 10	31,698	9,60		Apr. 10	6,990	47,91
	Jul. 19	31,712	8,80		Jul. 19	7,009	48,72
	Oct. 27	31,715	7,99		Oct. 27	7,038	49,53
	Dec. 66	31,708	7,17		Dec. 66	7,077	50,32
1751	Jan. 0	5 10 35,491	+28 22 11,54	1761	Jan. 0	5 11 10,843	+28 22 54,09
	Apr. 10	35,476	10,71		Apr. 10	10,889	54,87
	Jul. 19	35,451	9,90		Jul. 19	10,943	55,62
	Oct. 27	35,415	9,09		Oct. 27	11,007	56,34
	Dec. 66	35,369	8,30		Dec. 66	11,078	57,02
1752	Jan. 1	5 10 39,164	+28 22 12,65	1762	Jan. 0	5 11 14,833	+28 23 0,83
	Apr. 10	39,111	11,87		Apr. 10	14,910	1,48
	Jul. 19	39,049	11,13		Jul. 19	14,994	2,09
	Oct. 27	38,978	10,43		Oct. 27	15,084	2,64
	Dec. 66	38,897	9,76		Dec. 66	15,181	3,14
1753	Jan. 0	5 10 42,704	+28 22 14,05	1763	Jan. 0	5 11 18,928	+28 23 7,00
	Apr. 10	42,618	13,42		Apr. 10	19,028	7,46
	Jul. 19	42,525	12,84		Jul. 19	19,132	7,86
	Oct. 27	42,226	12,32		Oct. 27	19,240	8,19
	Dec. 66	42,320	11,85		Dec. 66	19,351	8,46
1754	Jan. 0	5 10 46,135	+28 22 16,07	1764	Jan. 1	5 11 23,094	+28 23 12,40
	Apr. 10	46,026	15,65		Apr. 10	23,206	12,61
	Jul. 19	45,914	15,31		Jul. 19	23,319	12,76
	Oct. 27	45,798	15,03		Oct. 27	23,432	12,84
	Dec. 66	45,680	14,83		Dec. 66	23,545	12,85
1755	Jan. 0	5 10 49,499	+28 22 18,96	1765	Jan. 0	5 11 27,288	+28 23 16,86
	Apr. 10	49,380	18,81		Apr. 10	27,401	16,82
	Jul. 19	49,261	18,74		Jul. 19	27,511	16,71
	Oct. 27	49,143	18,75		Oct. 27	27,618	16,52
	Dec. 66	49,026	18,83		Dec. 66	27,722	16,26
1756	Jan. 1	5 10 52,845	+28 22 22,85	1766	Jan. 0	5 11 31,463	+28 23 20,36
	Apr. 10	52,730	22,99		Apr. 10	31,569	20,06
	Jul. 19	52,619	23,20		Jul. 19	31,664	19,69
	Oct. 27	52,513	23,49		Oct. 27	31,754	19,26
	Dec. 66	52,411	23,85		Dec. 66	31,837	18,76
1757	Jan. 0	5 10 56,224	+28 22 27,77	1767	Jan. 0	5 11 35,590	+28 23 22,94
	Apr. 10	56,127	28,18		Apr. 10	35,670	22,40
	Jul. 19	56,038	28,65		Jul. 19	35,740	21,82
	Oct. 27	55,956	29,18		Oct. 27	35,802	21,18
	Dec. 66	55,882	29,77		Dec. 66	35,855	20,50
1758	Jan. 0	5 10 59,686	+28 22 33,62	1768	Jan. 1	5 11 39,619	+28 23 24,73
	Apr. 10	59,618	34,25		Apr. 10	39,666	24,02
	Jul. 19	59,560	34,92		Jul. 19	39,703	23,28
	Oct. 27	59,512	35,62		Oct. 27	39,730	22,51
	Dec. 66	59,473	36,37		Dec. 66	39,746	21,72
1759	Jan. 0	5 11 3,265	+28 22 40,16	1769	Jan. 0	5 11 43,523	+28 23 25,98
	Apr. 10	3,234	40,93		Apr. 10	43,532	25,17
	Jul. 19	3,213	41,71		Jul. 19	43,531	24,36
	Oct. 27	3,203	42,51		Oct. 27	43,519	23,54
	Dec. 66	3,204	43,33		Dec. 66	43,496	22,71

Tabulae X. Sect. I. *β Tauri.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
n. 0	+1,462	+ 4,0	+ 1,76	+ 4,2	+1	−2	1750	5 10 30,4504	+28 22 7,317
10	+1,477	− 1,0	+ 2,17	+ 4,0	+2	−2	1751	10 34,2295	22 11,405
20	+1,443	− 5,7	+ 2,55	+ 3,6	+3	−2	1752	10 38,0087	22 15,487
30	+1,363	−10,2	+ 2,88	+ 2,9	+3	−2	1753	10 41,7880	22 19,564
ebr. 9	+1,240	−13,9	+ 3,13	+ 2,0	+4	−2	1754	10 45,5673	22 23,635
							1755	10 49,3467	22 27,701
19	+1,085	−16,8	+ 3,27	+ 0,9	+4	−1	1756	10 53,1262	22 31,762
art. 1	+0,905	−18,7	+ 3,30	− 0,4	+4	−1	1757	10 56,9058	22 35,817
11	+0,712	−19,4	+ 3,20	− 1,6	+4	−1	1758	11 0,6855	22 39,867
21	+0,518	−18,9	+ 2,98	− 2,8	+4	0	1759	11 4,4653	22 43,911
31	+0,335	−17,2	+ 2,64	− 3,8	+4	0	1760	11 8,2452	22 47,949
							1761	11 12,0252	22 51,983
r. 10	+0,175	−14,5	+ 2,22	− 4,5	+4	0	1762	11 15,8052	22 56,011
20	+0,046	−10,9	+ 1,74	− 5,0	+3	+1	1763	11 19,5853	23 0,034
30	−0,043	− 6,7	+ 1,23	− 5,1	+3	+1	1764	11 23,3655	23 4,051
aj. 10	−0,087	− 2,0	+ 0,72	− 4,9	+2	+1	1765	11 27,1459	23 8,063
20	−0,082	+ 3,1	+ 0,25	− 4,4	+2	+1	1766	11 30,9263	23 12,070
							1767	11 34,7068	23 16,071
30	−0,026	+ 8,0	− 0,15	− 3,6	+1	+1	1768	11 38,4874	23 20,067
n. 9	+0,078	+12,8	− 0,46	− 2,6	0	0	1769	11 42,2681	23 24,057
19	+0,229	+17,2	− 0,66	− 1,5	0	0	1770	11 46,0488	23 28,041
29	+0,422	+21,2	− 0,75	− 0,3	−1	0			
l. 9	+0,652	+24,6	− 0,71	+ 0,9	−1	−1			
19	+0,913	+27,4	− 0,57	+ 1,9	−2	−1			
29	+1,200	+29,7	− 0,33	+ 2,8	−2	−2			
ug. 8	+1,506	+31,3	− 0,01	+ 3,6	−3	−2			
18	+1,825	+32,3	+ 0,38	+ 4,1	−3	−3			
28	+2,152	+33,0	+ 0,80	+ 4,3	−3	−3			
Sept. 7	+2,484	+33,1	+ 1,24	+ 4,4	−3	−4			
17	+2,814	+32,8	+ 1,67	+ 4,3	−3	−4			
27	+3,140	+32,2	+ 2,09	+ 4,2	−3	−5			
Oct. 7	+3,458	+31,3	+ 2,50	+ 4,0	−3	−6			
17	+3,765	+29,9	+ 2,88	+ 3,7	−2	−6			
27	+4,056	+28,1	+ 3,24	+ 3,6	−2	−6			
Nov. 6	+4,327	+25,9	+ 3,59	+ 3,6	−2	−7			
16	+4,574	+23,2	+ 3,95	+ 3,7	−1	−7			
26	+4,790	+19,9	+ 4,32	+ 3,8	0	−7			
Dec. 6	+4,971	+16,1	+ 4,70	+ 4,0	0	−8			
16	+5,111	+11,8	+ 5,11	+ 4,2	+1	−8			
26	+5,206	+ 7,1	+ 5,53	+ 4,2	+2	−8			
36	+5,253	+ 2,2	+ 5,95	+ 4,1	+3	−8			

Diei reducto addendum est:

ante } Jun. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Orionis.*

1750	Jan. 0	h 5 41 39,712	+ ° 7 20 12,58	1760	Jan. 1	h 5 42 10,002	+ ° 7 20 26,5
	Apr. 10	39,728	11,77		Apr. 10	10,014	26
	Jul. 19	39,735	10,96		Jul. 19	10,034	27
	Oct. 27	39,733	10,14		Oct. 27	10,064	28
	Dec. 66	39,722	9,31		Dec. 66	10,102	29
1751	Jan. 0	5 41 42,970	+ 7 20 11,18	1761	Jan. 0	5 42 13,331	+ 7 20 30
	Apr. 10	42,952	10,35		Apr. 10	13,375	31
	Jul. 19	42,926	9,54		Jul. 19	13,426	32
	Oct. 27	42,891	8,75		Oct. 27	13,484	32
	Dec. 66	42,847	7,98		Dec. 66	13,549	33
1752	Jan. 1	5 41 46,105	+ 7 20 9,83	1762	Jan. 0	5 42 16,770	+ 7 20 34
	Apr. 10	46,055	9,08		Apr. 10	16,840	35
	Jul. 19	45,998	8,38		Jul. 19	16,915	35
	Oct. 27	45,933	7,71		Oct. 27	16,995	36
	Dec. 66	45,860	7,09		Dec. 66	17,080	36
1753	Jan. 0	5 41 49,128	+ 7 20 8,88	1763	Jan. 0	5 42 20,295	+ 7 20 38
	Apr. 10	49,051	8,30		Apr. 10	20,383	38
	Jul. 19	48,968	7,78		Jul. 19	20,474	39
	Oct. 27	48,881	7,32		Oct. 27	20,568	39
	Dec. 66	48,788	6,93		Dec. 66	20,664	39
1754	Jan. 0	5 41 52,062	+ 7 20 8,64	1764	Jan. 1	5 42 23,875	+ 7 20 40
	Apr. 10	51,967	8,29		Apr. 10	23,972	41
	Jul. 19	51,869	8,02		Jul. 19	24,069	41
	Oct. 27	51,769	7,83		Oct. 27	24,165	41
	Dec. 66	51,667	7,71		Dec. 66	24,262	41
1755	Jan. 0	5 41 54,944	+ 7 20 9,32	1765	Jan. 0	5 42 27,473	+ 7 20 49
	Apr. 10	54,841	9,25		Apr. 10	27,569	49
	Jul. 19	54,740	9,27		Jul. 19	27,662	49
	Oct. 27	54,640	9,36		Oct. 27	27,752	49
	Dec. 66	54,541	9,53		Dec. 66	27,839	41
1756	Jan. 1	5 41 57,817	+ 7 20 11,04	1766	Jan. 0	5 42 31,054	+ 7 20 43
	Apr. 10	57,719	11,26		Apr. 10	31,139	49
	Jul. 19	57,626	11,56		Jul. 19	31,218	49
	Oct. 27	57,538	11,93		Oct. 27	31,291	49
	Dec. 66	57,454	12,36		Dec. 66	31,359	41
1757	Jan. 0	5 42 0,724	+ 7 20 13,78	1767	Jan. 0	5 42 34,581	+ 7 20 47
	Apr. 10	0,644	14,26		Apr. 10	34,645	49
	Jul. 19	0,571	14,80		Jul. 19	34,701	4
	Oct. 27	0,505	15,40		Oct. 27	34,750	4
	Dec. 66	0,445	16,05		Dec. 66	34,792	4
1758	Jan. 0	5 42 3,707	+ 7 20 17,39	1768	Jan. 1	5 42 38,022	+ 7 20 49
	Apr. 10	3,654	18,07		Apr. 10	38,058	4
	Jul. 19	3,608	18,79		Jul. 19	38,085	4
	Oct. 27	3,571	19,53		Oct. 27	38,103	3
	Dec. 66	3,543	20,33		Dec. 66	38,113	3
1759	Jan. 0	5 42 6,795	+ 7 20 21,63	1769	Jan. 0	5 42 41,355	+ 7 20 41
	Apr. 10	6,773	22,43		Apr. 10	41,358	4
	Jul. 19	6,760	23,24		Jul. 19	41,352	3
	Oct. 27	6,756	24,06		Oct. 27	41,337	3
	Dec. 66	6,762	24,89		Dec. 66	41,313	3

Tabulae X. Sect. I. *α Orionis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
n. 0	+1,348	+ 6,0	− 1,27	− 8,7	+1	−1	1750	5 41 38,6516	+ 7 20 10,366
10	+1,385	+ 1,5	− 2,09	− 7,7	+1	−1	1751	41 41,8946	20 11,962
20	+1,377	− 3,1	− 2,80	− 6,6	+2	−1	1752	41 45,1376	20 13,554
30	+1,324	− 7,3	− 3,40	− 5,4	+2	−1	1753	41 48,3807	20 15,141
br. 9	+1,231	−11,0	− 3,88	− 4,3	+3	−1	1754	41 51,6238	20 16,723
							1755	41 54,8670	20 18,300
19	+1,104	−14,0	− 4,25	− 3,2	+3	−1	1756	41 58,1102	20 19,873
urt. 1	+0,951	−16,2	− 4,51	− 2,1	+3	−1	1757	42 1,3534	20 21,441
11	+0,781	−17,3	− 4,66	− 1,1	+3	−1	1758	42 4,5966	20 23,004
21	+0,605	−17,4	− 4,72	− 0,1	+3	−1	1759	42 7,8399	20 24,563
31	+0,434	−16,4	− 4,68	+ 1,0	+3	−1	1760	42 11,0831	20 26,117
							1761	42 14,3264	20 27,666
r. 10	+0,277	−14,5	− 4,53	+ 2,0	+3	−1	1762	42 17,5697	20 29,210
20	+0,144	−11,8	− 4,28	+ 3,1	+3	−1	1763	42 20,8131	20 30,749
30	+0,042	− 8,4	− 3,91	+ 4,3	+2	−1	1764	42 24,0565	20 32,284
j. 10	−0,023	− 4,5	− 3,43	+ 5,4	+2	−1	1765	42 27,3000	20 33,815
20	−0,048	− 0,4	− 2,83	+ 6,6	+1	−1	1766	42 30,5435	20 35,340
							1767	42 33,7870	20 36,861
30	−0,030	+ 4,0	− 2,11	+ 7,7	+1	−1	1768	42 37,0305	20 38,377
n. 9	+0,031	+ 8,2	− 1,29	+ 8,8	+1	−1	1769	42 40,2741	20 39,888
19	+0,132	+12,1	− 0,36	+ 9,7	0	−2	1770	42 43,5176	20 41,395
29	+0,272	+15,7	+ 0,64	+10,3	0	−2			
9	+0,446	+19,0	+ 1,69	+10,6	−1	−2			
19	+0,651	+21,7	+ 2,76	+10,6	−1	−2			
29	+0,880	+24,0	+ 3,80	+10,1	−2	−2			
g. 8	+1,131	+25,9	+ 4,77	+ 9,2	−2	−3			
18	+1,397	+27,2	+ 5,64	+ 8,0	−2	−3			
28	+1,675	+28,2	+ 6,37	+ 6,4	−2	−3			
t. 7	+1,961	+28,9	+ 6,91	+ 4,4	−3	−3			
17	+2,252	+29,1	+ 7,24	+ 2,2	−3	−4			
27	+2,542	+29,0	+ 7,35	− 0,1	−3	−4			
v. 7	+2,831	+28,6	+ 7,23	− 2,4	−3	−4			
17	+3,113	+27,8	+ 6,88	− 4,5	−2	−4			
27	+3,386	+26,7	+ 6,33	− 6,4	−2	−4			
v. 6	+3,644	+24,9	+ 5,60	− 8,0	−2	−4			
16	+3,884	+22,8	+ 4,74	− 9,1	−1	−5			
26	+4,099	+20,0	+ 3,79	− 9,8	−1	−5			
c. 6	+4,284	+16,8	+ 2,79	−10,0	0	−5			
16	+4,434	+13,0	+ 1,80	− 9,8	0	−5			
26	+4,544	+ 8,8	+ 0,84	− 9,2	+1	−5			
36	+4,610	+ 4,3	− 0,03	− 8,3	+1	−5			

Diei reducto addendum est:

ante } Jun. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Canis majoris.*

1750	Jan. 0	6h 34′ 8″,628	—16° 23′ 31″,96	1760	Jan. 1	6h 34′ 33″,296	—16° 24′ 13″,46
	Apr. 10	8,643	32,78		Apr. 10	33,304	12,66
	Jul. 19	8,651	33,60		Jul. 19	33,319	11,89
	Oct. 27	8,652	34,41		Oct. 27	33,341	11,14
	Dec. 66	8,646	35,22		Dec. 66	33,371	10,42
1751	Jan. 0	6 34 11,291	—16 23 39,18	1761	Jan. 0	6 34 36,004	—16 24 14,92
	Apr. 10	11,279	39,97		Apr. 10	36,038	14,23
	Jul. 19	11,258	40,73		Jul. 19	36,079	13,59
	Oct. 27	11,231	41,46		Oct. 27	36,125	13,00
	Dec. 66	11,196	42,16		Dec. 66	36,178	12,45
1752	Jan. 1	6 34 13,852	—16 23 46,16	1762	Jan. 0	6 34 38,804	—16 24 16,89
	Apr. 10	13,813	46,83		Apr. 10	38,860	16,38
	Jul. 19	13,767	47,45		Jul. 19	38,921	15,94
	Oct. 27	13,714	48,02		Oct. 27	38,986	15,56
	Dec. 66	13,655	48,53		Dec. 66	39,056	15,25
1753	Jan. 0	6 34 16,320	—16 23 52,59	1763	Jan. 0	6 34 41,676	—16 24 19,61
	Apr. 10	16,257	53,06		Apr. 10	41,748	19,34
	Jul. 19	16,190	53,46		Jul. 19	41,823	19,14
	Oct. 27	16,118	53,80		Oct. 27	41,900	19,02
	Dec. 66	16,042	54,08		Dec. 66	41,979	18,97
1754	Jan. 0	6 34 18,712	—16 23 58,19	1764	Jan. 1	6 34 44,596	—16 24 23,24
	Apr. 10	18,633	58,40		Apr. 10	44,676	23,24
	Jul. 19	18,553	58,53		Jul. 19	44,756	23,31
	Oct. 27	18,470	58,58		Oct. 27	44,836	23,45
	Dec. 66	18,386	58,56		Dec. 66	44,917	23,66
1755	Jan. 0	6 34 21,058	—16 24 2,81	1765	Jan. 0	6 34 47,534	—16 24 27,85
	Apr. 10	20,973	2,73		Apr. 10	47,614	28,11
	Jul. 19	20,889	2,57		Jul. 19	47,691	28,41
	Oct. 27	20,806	2,34		Oct. 27	47,766	28,83
	Dec. 66	20,723	2,03		Dec. 66	47,839	29,28
1756	Jan. 1	6 34 23,394	—16 24 6,38	1766	Jan. 0	6 34 50,459	—16 24 33,46
	Apr. 10	23,313	6,02		Apr. 10	50,530	33,83
	Jul. 19	23,235	5,60		Jul. 19	50,596	34,44
	Oct. 27	23,161	5,11		Oct. 27	50,659	35,04
	Dec. 66	23,090	4,56		Dec. 66	50,717	35,70
1757	Jan. 0	6 34 25,757	—16 24 8,99	1767	Jan. 0	6 34 53,342	—16 24 39,73
	Apr. 10	25,690	8,40		Apr. 10	53,396	40,43
	Jul. 19	25,628	7,76		Jul. 19	53,444	41,13
	Oct. 27	25,571	7,08		Oct. 27	53,487	41,90
	Dec. 66	25,520	6,35		Dec. 66	53,523	42,61
1758	Jan. 0	6 34 28,181	—16 24 10,84	1768	Jan. 1	6 34 56,155	—16 24 46,70
	Apr. 10	28,134	10,09		Apr. 10	56,187	47,43
	Jul. 19	28,095	9,31		Jul. 19	56,211	48,13
	Oct. 27	28,062	8,51		Oct. 27	56,228	49,13
	Dec. 66	28,037	7,70		Dec. 66	56,238	49,99
1759	Jan. 0	6 34 30,688	—16 24 12,22	1769	Jan. 0	6 34 58,879	—16 24 53,9
	Apr. 10	30,668	11,40		Apr. 10	58,884	54,7
	Jul. 19	30,656	10,57		Jul. 19	58,881	55,5
	Oct. 27	30,651	9,76		Oct. 27	58,871	56,3
	Dec. 66	30,654	8,94		Dec. 66	58,853	57,1

Tabulae X. Sect. I. *α Canis majoris.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
0	+1,426	+ 8,9	− 1,85	−23,6	0	+1	1750	6 34 7,7542	−16 23 32,668
10	+1,491	+ 4,1	− 4,17	−22,2	+1	+1	1751	34 10,3980	23 36,887
20	+1,507	− 0,8	− 6,29	−20,1	+1	+1	1752	34 13,0417	23 41,109
30	+1,475	− 5,5	− 8,18	−17,6	+1	0	1753	34 15,6855	23 45,335
9	+1,397	− 9,8	− 9,81	−14,9	+2	0	1754	34 18,3293	23 49,565
							1755	34 20,9730	23 53,799
19	+1,279	− 8,5	−11,15	−11,9	+2	0	1756	34 23,6168	23 58,037
1	+1,128	−16,3	−12,18	− 8,8	+2	0	1757	34 26,2606	24 2,278
11	+0,954	−18,2	−12,90	− 5,6	+2	−1	1758	34 28,9044	24 6,524
21	+0,765	−19,1	−13,29	− 2,4	+3	−1	1759	34 31,5482	24 10,773
31	+0,572	−19,0	−13,37	+ 0,8	+2	−1	1760	34 34,1920	24 15,025
							1761	24 36,8358	24 19,282
10	+0,385	−18,0	−13,14	+ 3,9	+2	−1	1762	34 39,4796	24 23,542
20	+0,213	−16,1	−12,60	+ 6,8	+2	−2	1763	34 42,1234	24 27,807
30	+0,064	−13,4	−11,78	+ 9,6	+2	−2	1764	34 44,7672	24 32,075
10	−0,055	−10,2	−10,68	+12,3	+2	−2	1765	34 47,4111	24 36,347
20	−0,139	− 6,6	− 9,33	+14,6	+2	−2	1766	34 50,0549	24 40,622
							1767	34 52,6988	24 44,902
30	−0,186	− 2,8	− 7,76	+16,7	+1	−3	1768	34 55,3426	24 49,185
9	−0,194	+ 1,2	− 5,99	+18,4	+1	−3	1769	34 57,9865	24 53,472
19	−0,162	+ 5,2	− 4,08	+19,6	0	−3	1770	35 0,6303	24 57,763
29	−0,091	+ 8,9	− 2,07	+20,4	0	−3			
9	+0,016	+12,4	0,00	+20,6	0	−3			
19	+0,157	+15,6	+ 2,04	+20,0	−1	−3			
29	+0,329	+18,6	+ 4,00	+18,9	−1	−3			
8	+0,529	+21,2	+ 5,81	+17,0	−1	−3			
18	+0,752	+23,4	+ 7,40	+14,5	−2	−3			
28	+0,996	+25,3	+ 8,71	+11,4	−2	−3			
7	+1,257	+26,8	+ 9,67	+ 7,7	−2	−3			
17	+1,531	+27,9	+10,24	+ 3,6	−2	−3			
27	+1,815	+28,7	+10,39	− 0,8	−2	−3			
7	+2,104	+29,1	+10,08	− 5,3	−2	−3			
17	+2,396	+29,0	+ 9,34	− 9,6	−2	−2			
27	+2,683	+28,3	+ 8,17	−13,7	−2	−2			
6	+2,962	+27,2	+ 6,61	−17,3	−2	−2			
16	+3,227	+25,4	+ 4,72	−20,2	−2	−2			
26	+3,470	+22,9	+ 2,57	−22,4	−1	−2			
6	+3,685	+19,8	+ 0,24	−23,8	−1	−2			
16	+3,865	+16,0	− 2,19	−24,4	−1	−2			
26	+4,005	+11,8	− 4,63	−24,1	0	−2			
36	+4,100	+ 7,1	− 7,00	−23,3	0	−3			

Diei reducto addendum est:

ante } Jun. 29 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Geminorum.*

		h ′ ″	° ′ ″
1750	Jan. 0	7 18 37,565	+32 24 30,87
	Apr. 10	37,572	30,07
	Jul. 19	37,569	29,28
	Oct. 27	37,553	28,51
	Dec. 66	37,528	27,75
1751	Jan. 0	7 18 41,390	+32 24 21,18
	Apr. 10	41,357	20,44
	Jul. 19	41,313	19,75
	Oct. 27	41,260	19,11
	Dec. 66	41,196	18,48
1752	Jan. 1	7 18 45,070	+32 24 11,85
	Apr. 10	45,000	11,27
	Jul. 19	44,921	10,75
	Oct. 27	44,834	10,29
	Dec. 66	44,738	9,89
1753	Jan. 0	7 18 48,623	+32 24 3,19
	Apr. 10	48,523	2,83
	Jul. 19	48,417	2,55
	Oct. 27	48,306	2,34
	Dec. 66	48,190	2,21
1754	Jan. 0	7 18 52,081	+32 23 55,41
	Apr. 10	51,962	55,33
	Jul. 19	51,842	55,32
	Oct. 27	51,721	55,39
	Dec. 66	51,598	55,54
1755	Jan. 0	7 18 55,491	+32 23 48,64
	Apr. 10	55,363	48,84
	Jul. 19	55,248	49,11
	Oct. 27	55,130	49,45
	Dec. 66	55,015	49,87
1756	Jan. 1	7 18 58,905	+32 23 42,87
	Apr. 10	58,793	43,33
	Jul. 19	58,687	43,84
	Oct. 27	58,588	44,41
	Dec. 66	58,495	45,04
1757	Jan. 0	7 19 2,377	+32 23 37,97
	Apr. 10	2,289	38,63
	Jul. 19	2,210	39,33
	Oct. 27	2,140	40,05
	Dec. 66	2,080	40,82
1758	Jan. 0	7 19 5,950	+32 23 33,70
	Apr. 10	5,896	34,48
	Jul. 19	5,853	35,28
	Oct. 27	5,821	36,08
	Dec. 66	5,800	36,89
1759	Jan. 0	7 19 9,657	+32 23 29,76
	Apr. 10	9,643	30,57
	Jul. 19	9,640	31,36
	Oct. 27	9,649	32,14
	Dec. 66	9,669	32,91

		h ′ ″	° ′ ″
1760	Jan. 1	7 19 13,511	+32 23 25
	Apr. 10	13,538	26
	Jul. 19	13,575	27
	Oct. 27	13,621	27
	Dec. 66	13,678	28
1761	Jan. 0	7 19 17,509	+32 23 21
	Apr. 10	17,572	22
	Jul. 19	17,643	23
	Oct. 27	17,722	25
	Dec. 66	17,810	23
1762	Jan. 0	7 19 21,631	+32 23 16
	Apr. 10	21,723	16
	Jul. 19	21,820	17
	Oct. 27	21,923	17
	Dec. 66	22,031	17
1763	Jan. 0	7 19 25,845	+32 23 10
	Apr. 10	25,955	10
	Jul. 19	26,068	11
	Oct. 27	26,183	11
	Dec. 66	26,300	10
1764	Jan. 1	7 19 30,111	+32 23
	Apr. 10	30,228	
	Jul. 19	30,344	
	Oct. 27	30,459	
	Dec. 66	30,573	
1765	Jan. 0	7 19 34,385	+32 22 5
	Apr. 10	34,497	5
	Jul. 19	34,604	5
	Oct. 27	34,707	5
	Dec. 66	34,805	5
1766	Jan. 0	7 19 38,623	+32 22 4
	Apr. 10	38,718	4
	Jul. 19	38,805	4
	Oct. 27	38,885	4
	Dec. 66	38,957	4
1767	Jan. 0	7 19 42,784	+32 22 3
	Apr. 10	42,850	3
	Jul. 19	42,907	3
	Oct. 27	42,955	3
	Dec. 66	42,993	3
1768	Jan. 1	7 19 46,832	+32 22 2
	Apr. 10	46,863	2
	Jul. 19	46,883	2
	Oct. 27	46,893	2
	Dec. 66	46,892	2
1769	Jan. 0	7 19 50,744	+32 22 1
	Apr. 10	50,735	1
	Jul. 19	50,715	1
	Oct. 27	50,685	1
	Dec. 66	50,643	1

Tabulae X. Sect. I. *α Geminorum.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
n. 0	+1,587	+18,3	− 3,76	+ 3,7	−1	−3	1750	7 18 36,2750	+32 24 31,474
10	+1,743	+12,8	− 3,31	+ 5,3	−1	−3	1751	18 40,1273	24 24,650
20	+1,842	+ 7,0	− 2,71	+ 6,6	0	−3	1752	18 43,9794	24 17,820
30	+1,882	+ 1,1	− 2,00	+ 7,5	+1	−4	1753	18 47,8314	24 10,985
Febr. 9	+1,864	− 4,5	− 1,22	+ 7,9	+1	−4	1754	18 51,6833	24 4,145
							1755	18 55,5350	23 57,300
19	+1,793	− 9,5	− 0,42	+ 7,8	+2	−4	1756	18 59,3866	23 50,449
März 1	+1,675	−13,7	+ 0,34	+ 7,3	+3	−3	1757	19 3,2381	23 43,593
11	+1,520	−16,8	+ 1,03	+ 6,4	+3	−3	1758	19 7,0895	23 36,732
21	+1,339	−18,8	+ 1,61	+ 5,1	+3	−3	1759	19 10,9408	23 29,866
31	+1,144	−19,6	+ 2,04	+ 3,5	+4	−2	1760	19 14,7920	23 22,994
							1761	19 18,6430	23 16,117
Apr. 10	+0,948	−19,2	+ 2,31	+ 1,9	+4	−2	1762	19 22,4939	23 9,239
20	+0,760	−17,7	+ 2,41	+ 0,2	+4	−2	1763	19 26,3447	23 2,348
30	+0,593	−15,3	+ 2,34	− 1,5	+4	−1	1764	19 30,1953	22 55,455
Mai. 10	+0,454	−12,2	+ 2,12	− 2,8	+3	−1	1765	19 34,0458	22 48,557
20	+0,350	− 8,4	+ 1,78	− 4,2	+3	−1	1766	19 37,8962	22 41,654
							1767	19 41,7465	22 34,745
30	+0,286	− 4,3	+ 1,29	− 5,3	+3	0	1768	19 45,5966	22 27,831
Jun. 9	+0,265	+ 0,1	+ 0,73	− 6,0	+2	0	1769	19 49,4466	22 20,912
19	+0,287	+ 4,4	+ 0,10	− 6,6	+1	0	1770	19 53,2965	22 13,988
29	+0,352	+ 8,5	− 0,58	− 7,0	+1	0			
Jul. 9	+0,457	+12,5	− 1,29	− 7,2	0	0			
19	+0,601	+16,2	− 2,01	− 7,3	−1	0			
29	+0,780	+19,5	− 2,75	− 7,4	−1	0			
Aug. 8	+0,991	+22,6	− 3,48	− 7,4	−2	0			
18	+1,231	+25,3	− 4,23	− 7,5	−3	−1			
28	+1,496	+27,6	− 4,97	− 7,5	−3	−1			
Sept. 7	+1,783	+29,8	− 5,73	− 7,6	−4	−1			
17	+2,091	+31,6	− 6,48	− 7,6	−4	−2			
27	+2,414	+33,1	− 7,24	− 7,5	−5	−2			
Okt. 7	+2,752	+34,3	− 7,98	− 7,3	−5	−3			
17	+3,100	+35,1	− 8,70	− 6,9	−5	−4			
27	+3,453	+35,4	− 9,36	− 6,3	−5	−4			
Nov. 6	+3,807	+35,1	− 9,95	− 5,4	−5	−5			
16	+4,154	+34,0	−10,44	− 4,2	−5	−6			
26	+4,487	+32,2	−10,79	− 2,8	−5	−6			
Dez. 6	+4,798	+29,5	−10,99	− 1,1	−4	−7			
16	+5,076	+25,8	−11,01	+ 0,8	−4	−7			
26	+5,314	+21,4	−10,84	+ 2,6	−3	−8			
36	+5,503	+16,3	−10,49	+ 4,2	−2	−8			

Diei reducto addendum est:

ante / post } Jul. 10 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Canis minoris.*

1750	Jan. 0	$7^h\,26'\,13''{,}077$	$+\,5°\,50'\,40''{,}74$	1760	Jan. 1	$7^h\,26'\,42''{,}461$	$+\,5°\,49'\,19''{,}92$
	Apr. 10	13,090	39,94		Apr. 10	42,475	20,66
	Jul. 19	13,095	39,16		Jul. 19	42,498	21,36
	Oct. 27	13,090	38,40		Oct. 27	42,530	22,02
	Dec. 66	13,076	37,66		Dec. 66	42,570	22,64
1751	Jan. 0	7 26 16,232	+ 5 50 29,46	1761	Jan. 0	7 26 45,705	+ 5 49 13,95
	Apr. 10	16,212	28,73		Apr. 10	45,750	14,54
	Jul. 19	16,184	28,05		Jul. 19	45,803	15,07
	Oct. 27	16,146	27,41		Oct. 27	45,862	15,54
	Dec. 66	16,100	26,82		Dec. 66	45,929	15,96
1752	Jan. 1	7 26 19,267	+ 5 50 18,57	1762	Jan. 0	7 26 49,056	+ 5 49 7,34
	Apr. 10	19,215	18,00		Apr. 10	49,127	7,71
	Jul. 19	19,156	17,50		Jul. 19	49,202	8,02
	Oct. 27	19,090	17,06		Oct. 27	49,283	8,26
	Dec. 66	19,016	16,69		Dec. 66	49,368	8,44
1753	Jan. 0	7 26 22,192	+ 5 50 8,35	1763	Jan. 0	7 26 52,489	+ 5 48 59,89
	Apr. 10	22,114	8,02		Apr. 10	52,577	49 0,02
	Jul. 19	22,031	7,76		Jul. 19	52,667	0,08
	Oct. 27	21,943	7,58		Oct. 27	52,760	0,06
	Dec. 66	21,851	7,47		Dec. 66	52,856	48 59,98
1754	Jan. 0	7 26 25,032	+ 5 49 59,04	1764	Jan. 1	7 26 55,973	+ 5 48 51,51
	Apr. 10	24,937	58,98		Apr. 10	56,069	51,38
	Jul. 19	24,839	58,99		Jul. 19	56,165	51,18
	Oct. 27	24,740	59,09		Oct. 27	56,260	50,91
	Dec. 66	24,639	59,26		Dec. 66	56,355	50,58
1755	Jan. 0	7 26 27,823	+ 5 49 50,73	1765	Jan. 0	7 26 59,473	+ 5 48 42,20
	Apr. 10	27,722	50,95		Apr. 10	59,567	41,82
	Jul. 19	27,622	51,24		Jul. 19	59,658	41,38
	Oct. 27	27,523	51,60		Oct. 27	59,746	40,89
	Dec. 66	27,426	52,03		Dec. 66	59,831	40,34
1756	Jan. 1	7 26 30,608	+ 5 49 43,41	1766	Jan. 0	7 27 2,953	+ 5 48 32,02
	Apr. 10	30,513	43,88		Apr. 10	3,035	31,43
	Jul. 19	30,423	44,42		Jul. 19	3,111	30,81
	Oct. 27	30,337	45,00		Oct. 27	3,182	30,14
	Dec. 66	30,255	45,64		Dec. 66	3,247	29,43
1757	Jan. 0	7 26 33,432	+ 5 49 36,95	1767	Jan. 0	7 27 6,376	+ 5 48 21,16
	Apr. 10	33,354	37,62		Apr. 10	6,437	20,43
	Jul. 19	33,284	38,32		Jul. 19	6,490	19,68
	Oct. 27	33,220	39,06		Oct. 27	6,536	18,91
	Dec. 66	33,164	39,83		Dec. 66	6,575	18,11
1758	Jan. 0	7 26 36,332	+ 5 49 31,09	1768	Jan. 1	7 27 9,712	+ 5 48 9,87
	Apr. 10	36,281	31,88		Apr. 10	9,745	9,07
	Jul. 19	36,238	32,67		Jul. 19	9,769	8,27
	Oct. 27	36,204	33,47		Oct. 27	9,785	7,48
	Dec. 66	36,179	34,28		Dec. 66	9,792	6,69
1759	Jan. 0	7 26 39,337	+ 5 49 25,53	1769	Jan. 0	7 27 12,940	+ 5 47 58,44
	Apr. 10	39,318	26,34		Apr. 10	12,941	57,66
	Jul. 19	39,308	27,13		Jul. 19	12,932	56,9
	Oct. 27	39,307	27,90		Oct. 27	12,915	56,1
	Dec. 66	39,315	28,66		Dec. 66	12,888	55,4

Tabulae X. Sect. I. *α Canis minoris.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	+1,343	+15,7	− 2,35	−13,1	−1	0	1750	7 26 12,0252	+ 5 50 41,561
10	+1,477	+11,0	− 3,59	−11,7	0	0	1751	26 15,1754	50 33,117
20	+1,563	+ 6,1	− 4,68	−10,0	0	−1	1752	26 18,3256	50 24,669
30	+1,599	+ 1,2	− 5,59	− 8,2	+1	−1	1753	26 21,4758	50 16,217
ebr. 9	+1,586	− 3,7	− 6,31	− 6,4	+1	−1	1754	26 24,6259	50 7,761
							1755	26 27,7760	49 59,300
19	+1,526	− 7,9	− 6,87	− 4,7	+2	−1	1756	26 30,9260	49 50,836
Iart. 1	+1,428	−11,5	− 7,25	− 3,1	+2	−2	1757	26 34,0760	49 42,367
11	+1,297	−14,3	− 7,48	− 1,7	+2	−2	1758	26 37,2259	49 33,894
21	+1,143	−16,0	− 7,58	− 0,4	+3	−2	1759	26 40,3758	49 25,417
31	+0,978	−16,7	− 7,55	+ 0,9	+3	−2	1760	26 43,5257	49 16,935
							1761	26 46,6755	49 8,449
pr. 10	+0,810	−16,4	− 7,41	+ 1,9	+3	−2	1762	26 49,8253	48 59,959
20	+0,650	−15,3	− 7,18	+ 2,8	+3	−2	1763	26 52,9750	48 51,465
30	+0,505	−13,4	− 6,85	+ 3,7	+3	−2	1764	26 56,1247	48 42,967
aj. 10	+0,383	−10,8	− 6,44	+ 4,6	+2	−2	1765	26 59,2743	48 34,464
20	+0,290	− 7,7	− 5,93	+ 5,4	+2	−2	1766	27 2,4239	48 25,957
							1767	27 5,5735	48 17,446
30	+0,229	− 4,4	− 5,36	+ 6,1	+2	−2	1768	27 8,7230	48 8,931
un. 9	+0,203	− 0,9	− 4,72	+ 6,8	+1	−2	1769	27 11,8725	48 0,412
19	+0,212	+ 2,7	− 4,01	+ 7,3	+1	−2	1770	27 15,0219	47 51,888
29	+0,257	+ 6,2	− 3,26	+ 7,6	+1	−2			
ul. 9	+0,335	+ 9,4	− 2,49	+ 7,7	0	−2			
19	+0,445	+12,5	− 1,72	+ 7,5	0	−2			
29	+0,585	+15,4	− 0,99	+ 6,9	−1	−2			
ug. 8	+0,753	+18,0	− 0,34	+ 6,0	−1	−2			
18	+0,945	+20,4	+ 0,20	+ 4,7	−2	−2			
28	+1,160	+22,5	+ 0,59	+ 3,0	−2	−2			
ept. 7	+1,395	+24,4	+ 0,80	+ 1,0	−2	−2			
17	+1,648	+26,2	+ 0,79	− 1,3	−3	−2			
27	+1,918	+27,7	+ 0,54	− 3,8	−3	−2			
ct. 7	+2,201	+28,8	+ 0,04	− 6,2	−3	−2			
17	+2,494	+29,6	− 0,70	− 8,5	−3	−3			
27	+2,793	+30,0	− 1,66	−10,7	−3	−3			
ov. 6	+3,094	+29,9	− 2,83	−12,5	−3	−3			
16	+3,390	+29,1	− 4,16	−13,8	−3	−3			
26	+3,676	+27,6	− 5,59	−14,6	−3	−3			
ec. 6	+3,942	+25,3	− 7,08	−14,9	−2	−4			
16	+4,181	+22,2	− 8,57	−14,6	−2	−4			
26	+4,385	+18,3	−10,00	−13,8	−2	−4			
36	+4,548	+14,0	−11,32	−12,6	−1	−5			

Diei reducto addendum est:

ante / post } Jul. 12 { +1 / +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. β *Geminorum.*

		^{h} $'$ $''$	° $'$ $''$			^{h} $'$ $''$	° $'$ $''$
1750	Jan. 0	7 30 0,171	+28 36 18,64	1760	Jan. 1	7 30 34,619	+28 35 4,99
	Apr. 10	0,178	17,85		Apr. 10	34,645	5,72
	Jul. 19	0,174	17,07		Jul. 19	34,681	6,41
	Oct. 27	0,160	16,32		Oct. 27	34,726	7,06
	Dec. 66	0,135	15,58		Dec. 66	34,781	7,67
1751	Jan. 0	7 30 3,838	+28 36 8,08	1761	Jan. 0	7 30 38,454	+28 34 59,68
	Apr. 10	3,806	7,36		Apr. 10	38,516	35 0,26
	Jul. 19	3,764	6,69		Jul. 19	38,585	0,78
	Oct. 27	3,712	6,06		Oct. 27	38,662	1,24
	Dec. 66	3,650	5,47		Dec. 66	38,746	1,65
1752	Jan. 1	7 30 7,366	+28 35 57,91	1762	Jan. 0	7 30 42,410	+28 34 53,72
	Apr. 10	7,298	57,36		Apr. 10	42,499	54,09
	Jul. 19	7,221	56,87		Jul. 19	42,593	54,39
	Oct. 27	7,136	56,44		Oct. 27	42,692	54,62
	Dec. 66	7,043	56,07		Dec. 66	42,797	54,78
1753	Jan. 0	7 30 10,769	+28 35 48,43	1763	Jan. 0	7 30 46,454	+28 34 46,93
	Apr. 10	10,672	48,11		Apr. 10	46,561	47,05
	Jul. 19	10,570	47,87		Jul. 19	46,670	47,09
	Oct. 27	10,463	47,69		Oct. 27	46,781	47,07
	Dec. 66	10,350	47,59		Dec. 66	46,894	46,97
1754	Jan. 0	7 30 14,082	+28 35 39,86	1764	Jan. 1	7 30 50,549	+28 34 39,20
	Apr. 10	13,967	39,81		Apr. 10	50,663	39,06
	Jul. 19	13,851	39,83		Jul. 19	50,775	38,85
	Oct. 27	13,733	39,94		Oct. 27	50,886	38,57
	Dec. 66	13,614	40,12		Dec. 66	50,996	38,23
1755	Jan. 0	7 30 17,348	+28 35 32,28	1765	Jan. 0	7 30 54,652	+28 34 30,54
	Apr. 10	17,229	32,51		Apr. 10	54,760	30,15
	Jul. 19	17,113	32,81		Jul. 19	54,863	29,71
	Oct. 27	16,999	33,18		Oct. 27	54,963	29,20
	Dec. 66	16,888	33,62		Dec. 66	55,058	28,65
1756	Jan. 1	7 30 20,618	+28 35 25,69	1766	Jan. 0	7 30 58,719	+28 34 21,02
	Apr. 10	20,510	26,17		Apr. 10	58,810	20,43
	Jul. 19	20,407	26,71		Jul. 19	58,894	19,80
	Oct. 27	20,311	27,30		Oct. 27	58,971	19,13
	Dec. 66	20,221	27,94		Dec. 66	59,041	18,42
1757	Jan. 0	7 30 23,944	+28 35 19,94	1767	Jan. 0	7 31 2,711	+28 34 10,88
	Apr. 10	23,859	20,61		Apr. 10	2,775	10,10
	Jul. 19	23,783	21,32		Jul. 19	2,830	9,35
	Oct. 27	23,716	22,06		Oct. 27	2,876	8,58
	Dec. 66	23,657	22,83		Dec. 66	2,913	7,78
1758	Jan. 0	7 30 27,369	+28 35 14,79	1768	Jan. 1	7 31 6,594	+28 34 0,22
	Apr. 10	27,316	15,58		Apr. 10	6,624	33 59,42
	Jul. 19	27,274	16,37		Jul. 19	6,644	58,63
	Oct. 27	27,244	17,17		Oct. 27	6,653	57,84
	Dec. 66	27,224	17,97		Dec. 66	6,652	57,06
1759	Jan. 0	7 30 30,923	+28 35 9,92	1769	Jan. 0	7 31 10,345	+28 33 49,49
	Apr. 10	30,909	10,72		Apr. 10	10,337	48,72
	Jul. 19	30,907	11,51		Jul. 19	10,318	47,97
	Oct. 27	30,915	12,28		Oct. 27	10,288	47,26
	Dec. 66	30,934	13,03		Dec. 66	10,248	46,57

Tabulae X. Sect. I. *β Geminorum.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	+1,510	+18,9	− 4,06	+ 0,9	−1	−2	1750	7 29 58,9224	+28 36 19,576
10	+1,672	+13,5	− 3,88	+ 2,6	−1	−3	1751	30 2,6165	36 11,831
20	+1,780	+ 8,0	− 3,54	+ 4,1	0	−3	1752	30 6,3105	36 4,081
30	+1,831	+ 2,3	− 3,06	+ 5,3	+1	−3	1753	30 10,0044	35 56,326
Febr. 9	+1,825	− 3,3	− 2,48	+ 6,1	+1	−3	1754	30 13,6982	35 48,566
							1755	30 17,3920	35 40,800
19	+1,766	− 8,2	− 1,85	+ 6,4	+2	−3	1756	30 21,0854	35 33,030
März 1	+1,662	−12,3	− 1,20	+ 6,4	+2	−3	1757	30 24,7788	35 25,255
11	+1,520	−15,6	− 0,58	+ 5,8	+3	−3	1758	30 28,4721	35 17,475
21	+1,351	−17,7	− 0,04	+ 5,0	+3	−3	1759	80 32,1653	35 9,690
31	+1,167	−18,6	+ 0,41	+ 3,9	+3	−2	1760	30 35,8584	35 1,901
							1761	30 39,5513	34 54,107
Apr. 10	+0,979	−18,5	+ 0,74	+ 2,6	+4	−2	1762	30 43,2441	34 46,307
20	+0,798	−17,3	+ 0,93	+ 1,3	+4	−2	1763	30 46,9368	34 38,503
30	+0,634	−15,1	+ 0,99	− 0,1	+3	−1	1764	30 50,6294	34 30,693
Mai 10	+0,496	−12,2	+ 0,92	− 1,2	+3	−1	1765	30 54,3218	34 22,879
20	+0,390	− 8,8	+ 0,75	− 2,4	+3	−1	1766	30 58,0141	34 15,060
							1767	31 1,7063	34 7,236
30	+0,321	− 5,0	+ 0,45	− 3,3	+2	−1	1768	31 5,3984	33 59,407
Juni 9	+0,291	− 1,0	+ 0,09	− 3,9	+2	0	1769	31 9,0904	33 51,574
19	+0,302	+ 3,1	− 0,33	− 4,5	+1	0	1770	31 12,7822	33 43,735
29	+0,353	+ 7,1	− 0,81	− 5,0	+1	0			
Juli 9	+0,443	+10,9	− 1,32	− 5,3	0	0			
19	+0,570	+14,4	− 1,86	− 5,5	0	0			
29	+0,730	+17,6	− 2,42	− 5,8	−1	0			
Aug. 8	+0,922	+20,6	− 3,01	− 6,1	−2	0			
18	+1,141	+23,2	− 3,63	− 6,4	−2	−1			
28	+1,386	+25,7	− 4,29	− 6,8	−3	−1			
Sept. 7	+1,654	+27,8	− 4,98	− 7,2	−3	−1			
17	+1,942	+29,7	− 5,72	− 7,6	−4	−2			
27	+2,248	+31,4	− 6,49	− 7,9	−4	−2			
Oct. 7	+2,569	+32,7	− 7,29	− 8,1	−5	−3			
17	+2,902	+33,7	− 8,11	− 8,2	−5	−3			
27	+3,242	+34,2	− 8,92	− 7,9	−5	−4			
Nov. 6	+3,585	+34,1	− 9,69	− 7,4	−5	−4			
16	+3,924	+33,3	−10,39	− 6,5	−5	−5			
26	+4,251	+31,7	−10,99	− 5,3	−4	−5			
Dec. 6	+4,558	+29,3	−11,45	− 3,8	−4	−6			
16	+4,836	+25,9	−11,75	− 2,1	−4	−7			
26	+5,076	+21,7	−11,87	− 0,3	−3	−7			
36	+5,270	+16,9	−11,80	+ 1,5	−2	−7			

Diei reducto addendum est:

ante / post } Jul. 13 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Hydrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	9 15 19,013	— 7 35 23,07	1760	Jan. 1	9 15 46,554	— 7 37 44,82
	Apr. 10	19,033	23,68		Apr. 10	46,560	44,33
	Jul. 19	19,045	24,25		Jul. 19	46,573	43,90
	Oct. 27	19,048	24,78		Oct. 27	46,595	43,53
	Dec. 66	19,043	25,27		Dec. 66	46,625	43,21
1751	Jan. 0	9 15 21,994	— 7 35 40,20	1761	Jan. 0	9 15 49,563	— 7 37 58,42
	Apr. 10	21,983	40,66		Apr. 10	49,598	58,14
	Jul. 19	21,964	41,05		Jul. 19	49,640	57,92
	Oct. 27	21,936	41,40		Oct. 27	49,689	57,76
	Dec. 66	21,900	41,68		Dec. 66	49,745	57,67
1752	Jan. 1	9 15 24,862	— 7 35 56,68	1762	Jan. 0	9 15 52,674	— 7 38 12,81
	Apr. 10	24,821	56,92		Apr. 10	52,734	12,76
	Jul. 19	24,772	57,10		Jul. 19	52,799	12,77
	Oct. 27	24,617	57,21		Oct. 27	52,869	12,84
	Dec. 66	24,654	57,25		Dec. 66	52,945	12,98
1753	Jan. 0	9 15 27,624	— 7 36 12,34	1763	Jan. 0	9 15 55,867	— 7 38 28,04
	Apr. 10	27,557	12,34		Apr. 10	55,945	28,23
	Jul. 19	27,485	12,27		Jul. 19	56,026	28,46
	Oct. 27	27,407	12,13		Oct. 27	56,110	28,73
	Dec. 66	27,324	11,92		Dec. 66	56,197	29,10
1754	Jan. 0	9 15 30,301	— 7 36 27,09	1764	Jan 1	9 15 59,116	— 7 38 44,10
	Apr. 10	30,216	26,84		Apr. 10	59,204	44,49
	Jul. 19	30,128	26,53		Jul. 19	59,292	44,95
	Oct. 27	30,038	26,16		Oct. 27	59,381	45,41
	Dec. 66	29,945	25,73		Dec. 66	59,470	45,94
1755	Jan. 0	9 15 32,925	— 7 36 40,98	1765	Jan. 0	9 16 2,388	— 7 39 0,85
	Apr. 10	32,831	40,51		Apr. 10	2,477	1,44
	Jul. 19	32,738	39,99		Jul. 19	2,563	2,03
	Oct. 27	32,646	39,43		Oct. 27	2,647	2,63
	Dec. 66	32,554	38,83		Dec. 66	2,728	3,30
1756	Jan. 1	9 15 35,533	— 7 36 54,13	1766	Jan. 0	9 16 5,650	— 7 39 18,20
	Apr. 10	35,443	53,50		Apr. 10	5,729	18,87
	Jul. 19	35,356	52,85		Jul. 19	5,804	19,51
	Oct. 27	35,373	52,17		Oct. 27	5,874	20,23
	Dec. 66	35,194	51,46		Dec. 66	5,940	20,90
1757	Jan. 0	9 15 38,168	— 7 37 6,80	1767	Jan. 0	9 16 8,867	— 7 39 35,85
	Apr. 10	38,092	6,08		Apr. 10	8,929	36,50
	Jul. 19	38,022	5,36		Jul. 19	8,985	37,20
	Oct. 27	37,957	4,64		Oct. 27	9,034	37,93
	Dec. 66	37,899	3,92		Dec 66	9,076	38,64
1758	Jan. 0	9 15 40,866	— 7 37 19,26	1768	Jan. 1	9 16 12,011	— 7 39 53,54
	Apr. 10	40,813	18,55		Apr. 10	12,049	54,27
	Jul. 19	40,767	17,85		Jul. 19	12,078	54,83
	Oct. 27	40,729	17,17		Oct. 27	12,100	55,46
	Dec. 66	40,698	16,52		Dec. 66	12,113	56,03
1759	Jan. 0	9 15 43,656	— 7 37 31,84	1769	Jan. 0	9 16 15,058	— 7 40 10,95
	Apr. 10	43,631	31,20		Apr. 10	15,066	11,53
	Jul. 19	43,614	30,61		Jul. 19	15,066	12,06
	Oct. 27	43,606	30,05		Oct. 27	15,057	12,53
	Dec. 66	43,606	29,54		Dec. 66	15,040	12,93

Tabulae X. Sect. I. *α Hydrae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
n. 0	+1,066	+22,4	— 0,09	—22,4	—2	+2	1750	9 15 18,0576	— 7 35 19,256
10	+1,292	+20,4	— 2,30	—21,5	—1	+1	1751	15 21,0061	35 34,339
20	+1,474	+15,8	— 4,39	—20,4	—1	+1	1752	15 23,9546	35 49,425
30	+1,608	+10,9	— 6,32	—18,3	0	+1	1753	15 26,9031	36 4,514
br. 9	+1,692	+ 6,0	— 8,05	—16,1	0	0	1754	15 29,8516	36 19,606
							1755	15 32,8000	36 34,700
19	+1,727	+ 1,2	— 9,54	—13,7	+1	0	1756	15 35,7484	36 49,797
art. 1	+1,716	— 3,2	—10,79	—11,2	+1	0	1757	15 38,6968	37 4,896
11	+1,663	— 7,0	—11,78	— 8,7	+1	—1	1758	15 41,6452	37 19,999
21	+1,577	—10,0	—12,52	— 6,2	+2	—1	1759	15 44,5936	37 35,104
31	+1,463	—12,3	—13,02	— 3,9	+2	—1	1760	15 47,5420	37 50,212
							1761	15 50,4904	38 5,322
r. 10	+1,332	—13,6	—13,30	— 1,7	+2	—2	1762	15 53,4387	38 20,436
20	+1,191	—14,2	—13,35	+ 0,5	+3	—2	1763	15 56,3870	38 35,552
30	+1,049	—14,0	—13,20	+ 2,5	+3	—2	1764	15 59,3353	38 50,671
aj. 10	+0,912	—13,2	—12,85	+ 4,4	+3	—2	1765	16 2,2836	39 5,792
20	+0,785	—11,9	—12,33	+ 6,1	+3	—2	1766	16 5,2319	39 20,916
							1767	16 8,1802	39 36,043
30	+0,675	—10,1	—11,64	+ 7,6	+3	—2	1768	16 11,1285	39 51,173
n. 9	+0,584	— 8,0	—10,81	+ 9,0	+2	—3	1769	16 14,0767	40 6,305
19	+0,515	— 5,7	— 9,85	+10,2	+2	—3	1770	16 17,0249	40 21,441
29	+0,470	— 3,3	— 8,78	+11,1	+2	—3			
l. 9	+0,450	— 0,7	— 7,64	+11,7	+1	—3			
19	+0,456	+ 2,0	— 6,45	+11,8	+1	—3			
29	+0,489	+ 4,6	— 5,27	+11,5	+1	—3			
g. 8	+0,548	+ 7,3	— 4,14	+10,9	0	—2			
18	+0,634	+10,1	— 3,10	+ 9,6	0	—2			
28	+0,749	+12,9	— 2,22	+ 7,8	—1	—2			
pt. 7	+0,892	+15,8	— 1,54	+ 5,5	—1	—2			
17	+1,064	+18,7	— 1,12	+ 2,8	—2	—2			
27	+1,265	+21,6	— 0,99	— 0,4	—2	—2			
t. 7	+1,495	+24,3	— 1,19	— 3,8	—2	—1			
17	+1,751	+26,8	— 1,75	— 7,3	—3	—1			
27	+2,030	+28,9	— 2,65	—10,8	—3	—1			
v. 6	+2,329	+30,6	— 3,91	—14,1	—3	—1			
16	+2,641	+31,5	— 5,47	—17,0	—3	—1			
26	+2,958	+31,6	— 7,30	—19,4	—3	—1			
c. 6	+3,273	+30,9	— 9,35	—21,2	—3	—1			
16	+3,575	+29,1	—11,54	—22,2	—3	—1			
26	+3,855	+26,5	—13,79	—22,5	—2	—1			
36	+4,104	+23,0	—16,04	—22,2	—2	—1			

Diei reducto addendum est:

ante / post } Aug. 8 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Leonis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	9 55 2,976	+13 10 34,85	1760	Jan. 1	9 55 32,945	+13 7 53,98
	Apr. 10	2,980	34,34		Apr. 10	32,968	54,34
	Jul. 19	2,976	33,88		Jul. 19	33,000	54,64
	Oct. 27	2,962	33,47		Oct. 27	33,040	54,89
	Dec. 66	2,940	33,10		Dec. 66	33,089	55,08
1751	Jan. 0	9 55 6,161	+13 10 16,07	1761	Jan. 0	9 55 36,283	+13 7 37,85
	Apr. 10	6,132	15,73		Apr. 10	36,337	38,00
	Jul. 19	6,094	15,46		Jul. 19	36,398	38,09
	Oct. 27	6,048	15,25		Oct. 27	36,465	38,12
	Dec. 66	5,994	15,10		Dec. 66	36,539	38,08
1752	Jan. 1	9 55 9,225	+13 9 57,99	1762	Jan. 0	9 55 39,725	+13 7 20,93
	Apr. 10	9,165	57,88		Apr. 10	39,802	20,85
	Jul. 19	9,098	57,84		Jul. 19	39,884	20,72
	Oct. 27	9,024	57,86		Oct. 27	39,971	20,53
	Dec. 66	8,944	57,94		Dec. 66	40,062	20,29
1753	Jan. 0	9 55 12,184	+13 9 40,75	1763	Jan. 0	9 55 43,242	+13 7 3,20
	Apr. 10	12,098	40,88		Apr. 10	43,335	2,92
	Jul. 19	12,010	41,07		Jul. 19	43,430	2,58
	Oct. 27	11,917	41,32		Oct. 27	43,526	2,20
	Dec. 66	11,819	41,63		Dec. 66	43,624	1,76
1754	Jan. 0	9 55 15,064	+13 9 24,36	1764	Jan. 1	9 55 46,802	+13 6 44,73
	Apr. 10	14,965	24,71		Apr. 10	46,900	44,27
	Jul. 19	14,864	25,12		Jul. 19	46,997	43,77
	Oct. 27	14,762	25,57		Oct. 27	47,093	43,23
	Dec. 66	14,659	26,08		Dec. 66	47,188	42,65
1755	Jan. 0	9 55 17,906	+13 9 8,74	1765	Jan. 0	9 55 50,367	+13 6 25,67
	Apr. 10	17,803	9,28		Apr. 10	50,460	25,08
	Jul. 19	17,703	9,85		Jul. 19	50,550	24,46
	Oct. 27	17,605	10,45		Oct. 27	50,635	23,83
	Dec. 66	17,509	11,09		Dec. 66	50,717	23,17
1756	Jan. 1	9 55 20,753	+13 8 53,71	1766	Jan. 0	9 55 53,901	+13 6 6,21
	Apr. 10	20,659	54,36		Apr. 10	53,979	5,55
	Jul. 19	20,571	55,03		Jul. 19	54,051	4,88
	Oct. 27	20,589	55,71		Oct. 27	54,117	4,22
	Dec. 66	20,412	56,40		Dec. 66	54,177	3,55
1757	Jan. 0	9 55 23,649	+13 8 39,01	1767	Jan. 0	9 55 57,369	+13 5 46,59
	Apr. 10	23,576	39,70		Apr. 10	57,424	45,93
	Jul. 19	23,511	40,39		Jul. 19	57,470	45,28
	Oct. 27	23,454	41,06		Oct. 27	57,509	44,66
	Dec. 66	23,404	41,73		Dec. 66	57,540	44,06
1758	Jan. 0	9 55 26,632	+13 8 24,34	1768	Jan. 1	9 56 0,742	+13 5 27,07
	Apr. 10	26,588	24,99		Apr. 10	0,767	26,50
	Jul. 19	26,553	25,61		Jul. 19	0,783	25,94
	Oct. 27	26,528	26,20		Oct. 27	0,790	25,43
	Dec. 66	26,510	26,76		Dec. 66	0,788	24,95
1759	Jan. 0	9 55 29,727	+13 8 9,41	1769	Jan. 0	9 56 4,000	+13 5 7,92
	Apr. 10	29,716	9,95		Apr. 10	3,992	7,47
	Jul. 19	29,715	10,44		Jul. 19	3,974	7,08
	Oct. 27	29,723	10,88		Oct. 27	3,948	6,74
	Dec. 66	29,741	11,27		Dec. 66	3,912	6,46

Tabulae X. Sect. I. *α Leonis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	+0,907	+28,6	— 5,25	—14,6	—3	+1	1750	9 55 1,8943	+13 10 39,564
10	+1,177	+25,1	— 6,60	—12,3	—2	0	1751	55 5,1068	10 22,416
20	+1,408	+20,8	— 7,71	— 9,8	—2	0	1752	55 8,3193	10 5,265
30	+1,593	+16,1	— 8,56	— 7,1	—2	—1	1753	55 11,5316	9 48,113
ebr. 9	+1,729	+11,1	— 9,13	— 4,5	—1	—1	1754	55 14,7439	9 30,957
							1755	55 17,9560	9 13,800
19	+1,814	+ 6,1	— 9,45	— 2,0	0	—1	1756	55 21,1680	8 56,640
[art. 1	+1,850	+ 1,4	— 9,52	+ 0,3	0	—2	1657	55 24,3799	8 39,479
11	+1,841	— 2,9	— 9,39	+ 2,2	+1	—2	1758	55 27,5918	8 22,314
21	+1,792	— 6,5	— 9,09	+ 3,6	+1	—2	1759	55 30,8035	8 5,148
31	+1,711	— 9,3	— 8,67	+ 4,7	+2	—2	1760	55 34,0151	7 47,979
							1761	55 37,2266	7 30,808
pr. 10	+1,606	—11,3	— 8,15	+ 5,4	+2	—3	1762	55 40,4380	7 13,634
20	+1,485	—12,5	— 7,59	+ 5,8	+2	—3	1763	55 43,6494	6 56,458
30	+1,356	—13,0	— 7,00	+ 5,8	+3	—3	1764	55 46,8606	6 39,280
[aj. 10	+1,226	—12,7	— 6,43	+ 5,6	+3	—2	1765	55 50,0717	6 22,099
20	+1,102	—11,9	— 5,88	+ 5,3	+3	—2	1766	55 53,2827	6 4,916
							1767	55 56,4936	5 47,731
30	+0,989	—10,6	— 5,38	+ 4,8	+3	—2	1768	55 59,7044	5 30,544
un. 9	+0,890	— 9,0	— 4,93	+ 4,2	+3	—2	1769	56 2,9151	5 13,354
19	+0,810	— 7,0	— 4,55	+ 3,4	+2	—2	1770	56 6,1258	4 56,162
29	+0,750	— 4,9	— 4,25	+ 2,7	+2	—2			
ul. 9	+0,712	— 2,8	— 4,02	+ 1,8	+2	—1			
19	+0,695	— 0,5	— 3,89	+ 0,8	+1	—1			
29	+0,703	+ 2,1	— 3,87	— 0,4	+1	—1			
ug. 8	+0,736	+ 4,6	— 3,96	— 1,6	0	—1			
18	+0,795	+ 7,3	— 4,19	— 3,1	0	—1			
28	+0,881	+10,0	— 4,58	— 4,8	—1	0			
ept. 7	+0,995	+12,9	— 5,14	— 6,6	—1	0			
17	+1,139	+16,0	— 5,89	— 8,5	—2	0			
27	+1,314	+19,1	— 6,84	—10,5	—2	0			
ct. 7	+1,521	+22,2	— 7,99	—12,5	—3	0			
17	+1,758	+25,2	— 9,34	—14,4	—3	0			
27	+2,025	+28,0	—10,87	—16,1	—4	0			
ov. 6	+2,317	+30,3	—12,55	—17,4	—4	0			
16	+2,630	+32,1	—14,34	—18,2	—4	0			
26	+2,958	+33,1	—16,18	—18,5	—4	0			
ec. 6	+3,291	+33,1	—18,03	—18,2	—4	—1			
16	+3,620	+32,2	—19,81	—17,2	—4	—1			
26	+3,934	+30,2	—21,47	—15,8	—4	—1			
36	+4,224	+27,4	—22,96	—14,6	—4	—2			

Diei reducto addendum est:

ante } Aug. 19 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Leonis.*

		α	δ
1750	Jan. 0	11 36 18,409	+15 57 58,66
	Apr. 10	18,408	58,48
	Jul. 19	18,399	58,35
	Oct. 27	18,381	58,28
	Dec. 66	18,354	58,27
1751	Jan. 0	11 36 21,437	+15 57 38,21
	Apr. 10	21,403	38,24
	Jul. 19	21,362	38,32
	Oct. 27	21,313	38,46
	Dec. 66	21,257	38,66
1752	Jan. 1	11 36 24,349	+15 57 18,53
	Apr. 10	24,287	18,76
	Jul. 19	24,218	19,05
	Oct. 27	24,143	19,39
	Dec. 66	24,062	19,78
1753	Jan. 0	11 36 27,162	+15 56 59,58
	Apr. 10	27,077	57 0,00
	Jul. 19	26,989	0,46
	Oct. 27	26,896	0,96
	Dec. 66	26,800	1,50
1754	Jan. 0	11 36 29,905	+15 56 41,26
	Apr. 10	29,807	41,81
	Jul. 19	29,709	42,39
	Oct. 27	29,610	42,99
	Dec. 66	29,511	43,61
1755	Jan. 0	11 36 32,616	+15 56 23,34
	Apr. 10	32,517	23,97
	Jul. 19	32,421	24,60
	Oct. 27	32,328	25,23
	Dec. 66	32,237	25,86
1756	Jan. 1	11 36 35,339	+15 56 5,59
	Apr. 10	35,251	6,22
	Jul. 19	35,168	6,82
	Oct. 27	35,091	7,40
	Dec. 66	35,020	7,97
1757	Jan. 0	11 36 38,115	+15 55 47,72
	Apr. 10	38,049	48,27
	Jul. 19	37,990	48,77
	Oct. 27	37,939	49,24
	Dec. 66	37,895	49,67
1758	Jan. 0	11 36 40,980	+15 55 29,47
	Apr. 10	40,943	29,87
	Jul. 19	40,914	30,22
	Oct. 27	40,894	30,53
	Dec. 66	40,882	30,78
1759	Jan. 0	11 36 43,957	+15 55 10,64
	Apr. 10	43,952	10,85
	Jul. 19	43,956	11,01
	Oct. 27	43,968	11,11
	Dec. 66	43,990	11,16
1760	Jan. 1	11 36 47,054	+15 54 51,0
	Apr. 10	47,081	51,0
	Jul. 19	47,117	51,0
	Oct. 27	47,160	50,9
	Dec. 66	47,211	50,
1761	Jan. 0	11 36 50,265	+15 54 30,
	Apr. 10	50,321	30,
	Jul. 19	50,384	30,
	Oct. 27	50,452	30,
	Dec. 66	50,527	29,
1762	Jan. 0	11 36 53,573	+15 54 9,
	Apr. 10	53,651	9,
	Jul. 19	53,733	8,
	Oct. 27	53,819	8,
	Dec. 66	53,909	8,
1763	Jan. 0	11 36 56,950	+15 53 48,
	Apr. 10	57,041	47,
	Jul. 19	57,134	47,
	Oct. 27	57,228	46.
	Dec. 66	57,323	45,
1764	Jan. 1	11 37 0,363	+15 53 26.
	Apr. 10	0,458	25.
	Jul. 19	0,551	24.
	Oct. 27	0,643	24.
	Dec. 66	0,734	23.
1765	Jan. 0	11 37 3,775	+15 53 3
	Apr. 10	3,863	3
	Jul. 19	3,948	2
	Oct. 27	4,028	2
	Dec. 66	4,104	1
1766	Jan. 0	11 37 7,151	+15 52 41
	Apr. 10	7,224	41
	Jul. 19	7,290	40
	Oct. 27	7,350	40
	Dec. 66	7,404	39
1767	Jan. 0	11 37 10,458	+15 52 19
	Apr. 10	10,507	19
	Jul. 19	10,548	18
	Oct. 27	10,581	18
	Dec. 66	10,606	18
1768	Jan. 1	11 37 13,669	+15 51 58
	Apr. 10	13,688	57
	Jul. 19	13,699	57
	Oct. 27	13,701	57
	Dec. 66	13,694	57
1769	Jan. 0	11 37 16,768	+15 51 37
	Apr. 10	16,755	37
	Jul. 19	16,733	37
	Oct. 27	16,703	37
	Dec. 66	16,664	37

Tabulae X. Sect. I. *β Leonis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	+0″,372	+33,2	— 6″,89	—18,1	—3	+2	1750	11 36 17,3586	+15 58 4,996
10	+0,696	+31,2	— 8,58	—15,5	—3	+1	1751	36 20,4310	57 44,938
20	+0,996	+28,4	— 9,98	—12,4	—3	+1	1752	36 23,5033	57 24,879
30	+1,264	+24,9	—11,05	— 9,1	—3	0	1753	36 26,5756	57 4,820
ebr. 9	+1,493	+20,7	—11,79	— 5,7	—2	0	1754	36 29,6478	56 44,761
							1755	36 32,7200	56 24,701
19	+1,677	+16,2	—12,18	— 2,3	—2	—1	1756	36 35,7920	56 4,641
[art. 1	+1,816	+11,6	—12,24	+ 0,9	—1	—1	1757	36 38,8640	55 44,581
11	+1,909	+ 7,2	—12,01	+ 3,6	—1	—1	1758	36 41,9359	55 24,520
21	+1,959	+ 3,1	—11,52	+ 5,9	0	—2	1759	36 45,0077	55 4,459
31	+1,971	— 0,6	—10,84	+ 7,6	0	—2	1760	36 48,0794	54 44,396
							1761	36 51,1511	54 24,334
pr. 10	+1,948	— 3,7	—10,01	+ 8,8	+1	—2	1762	36 54,2227	54 4,272
20	+1,898	— 6,1	— 9,09	+ 9,4	+1	—2	1763	36 57,2942	53 44,209
30	+1,826	— 8,0	— 8,13	+ 9,6	+2	—2	1764	37 0,3656	53 24,146
[aj. 10	+1,738	— 9,3	— 7,18	+ 9,3	+2	—2	1765	37 3,4369	53 4,083
20	+1,640	—10,1	— 6,27	+ 8,7	+2	—2	1766	37 6,5082	52 44,019
							1767	37 9,5794	52 23,955
30	+1,536	—10,5	— 5,44	+ 7,7	+3	—2	1768	37 12,6505	52 3,891
n. 9	+1,430	—10,6	— 4,73	+ 6,5	+3	—2	1769	37 15,7215	51 43,826
19	+1,325	—10,3	— 4,14	+ 5,2	+3	—2	1770	37 18,7925	51 23,760
29	+1,225	— 9,7	— 3,69	+ 3,8	+3	—2			
l. 9	+1,132	— 8,8	— 3,39	+ 2,1	+3	—1			
19	+1,049	— 7,8	— 3,27	+ 0,4	+2	—1			
29	+0,977	— 6,4	— 3,31	— 1,4	+2	—1			
ıg. 8	+0,921	— 4,7	— 3,54	— 3,3	+2	0			
18	+0,884	— 2,7	— 3,96	— 5,2	+1	0			
28	+0,868	— 0,3	— 4,58	— 7,3	+1	0			
pt. 7	+0,878	+ 2,5	— 5,41	— 9,4	0	0			
17	+0,918	+ 5,7	— 6,46	—11,6	0	+1			
27	+0,992	+ 9,3	— 7,73	—13,8	—1	+1			
ct. 7	+1,103	+13,1	— 9,22	—16,0	—1	+1			
17	+1,253	+17,0	—10,92	—18,0	—2	+2			
27	+1,443	+21,0	—12,82	—19,8	—2	+2			
ov. 6	+1,673	+24,8	—14,88	—21,2	—3	+2			
16	+1,939	+28,2	—17,05	—22,1	—3	+2			
26	+2,236	+30,9	—19,29	—22,5	—4	+2			
ec. 6	+2,557	+32,9	—21,54	—22,2	—4	+2			
16	+2,893	+33,8	—23,72	—21,2	—4	+2			
26	+3,233	+33,7	—25,77	—19,5	—4	+2			
36	+3,567	+32,6	—27,61	—17,2	—4	+1			

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Virginis.*

		h ′ ″	° ′ ″
1750	Jan. 0	11 37 41,410	+ 3 10 15,88
	Apr. 10	41,422	15,71
	Jul. 19	41,425	15,59
	Oct. 27	41,419	15,53
	Dec. 66	41,405	15,52
1751	Jan. 0	11 37 44,536	+ 3 9 55,25
	Apr. 10	44,516	55,28
	Jul. 19	44,487	55,37
	Oct. 27	44,450	55,51
	Dec. 66	44,405	55,71
1752	Jan. 1	11 37 47,546	+ 3 9 35,37
	Apr. 10	47,495	35,61
	Jul. 19	47,438	35,90
	Oct. 27	47,373	36,24
	Dec. 66	47,301	36,64
1753	Jan. 0	11 37 50,451	+ 3 9 16,24
	Apr. 10	50,375	16,66
	Jul. 19	50,295	17,12
	Oct. 27	50,210	17,62
	Dec. 66	50,120	18,16
1754	Jan. 0	11 37 53,275	+ 3 8 57,71
	Apr. 10	53,183	58,27
	Jul. 19	53,089	58,85
	Oct. 27	52,993	59,46
	Dec. 66	52,896	9 0,08
1755	Jan. 0	11 37 56,054	+ 3 8 39,60
	Apr. 10	55,956	40,23
	Jul. 19	55,860	40,86
	Oct. 27	55,765	41,49
	Dec. 66	55,672	42,12
1756	Jan. 1	11 37 58,827	+ 3 8 21,64
	Apr. 10	58,736	22,26
	Jul. 19	58,650	22,86
	Oct. 27	58,568	23,44
	Dec. 66	58,490	24,01
1757	Jan. 0	11 38 1,640	+ 3 8 3,55
	Apr. 10	1,565	4,09
	Jul. 19	1,496	4,60
	Oct. 27	1,437	5,06
	Dec. 66	1,385	5,49
1758	Jan. 0	11 38 4,527	+ 3 7 45,09
	Apr. 10	4,479	45,48
	Jul. 19	4,439	45,83
	Oct. 27	4,407	46,12
	Dec. 66	4,384	46,37
1759	Jan. 0	11 38 7,516	+ 3 7 26,02
	Apr. 10	7,499	26,23
	Jul. 19	7,490	26,39
	Oct. 27	7,490	26,48
	Dec. 66	7,499	26,52

		h ′ ″	° ′ ″
1760	Jan. 1	11 38 10,620	+ 3 7 6,25
	Apr. 10	10,635	6,25
	Jul. 19	10,658	6,19
	Oct. 27	10,689	6,08
	Dec. 66	10,728	5,92
1761	Jan. 0	11 38 13,839	+ 3 6 45,71
	Apr. 10	13,884	45,51
	Jul. 19	13,935	45,2(
	Oct. 27	13,993	44,9(
	Dec. 66	14,058	44,6:
1762	Jan. 0	11 38 17,160	+ 3 6 24,4
	Apr. 10	17,229	24,0
	Jul. 19	17,302	23,6
	Oct. 27	17,380	23,2
	Dec. 66	17,463	22,7
1763	Jan. 0	11 38 20,560	+ 3 6 2,6
	Apr. 10	20,645	2,1
	Jul. 19	20,733	1,5
	Oct. 27	20,822	1,0
	Dec. 66	20,914	0,4
1764	Jan. 1	11 38 24,008	+ 3 5 40,8
	Apr. 10	24,101	39,7
	Jul. 19	24,193	39,5
	Oct. 27	24,285	38,(
	Dec. 66	24,376	38,(
1765	Jan. 0	11 38 27,470	+ 3 5 17,3
	Apr. 10	27,560	17,3
	Jul. 19	27,647	16,
	Oct. 27	27,732	16,
	Dec. 66	27,813	15,
1766	Jan. 0	11 38 30,911	+ 3 4 55,
	Apr. 10	30,989	54,
	Jul. 19	31,062	54,
	Oct. 27	31,130	53,
	Dec. 66	31,192	53,
1767	Jan. 0	11 38 34,297	+ 3 4 33,
	Apr. 10	34,354	32,
	Jul. 19	34,405	32,
	Oct. 27	34,449	32,
	Dec. 66	34,485	31,
1768	Jan. 1	11 38 37,598	+ 3 4 11,
	Apr. 10	37,629	11.
	Jul. 19	37,652	11.
	Oct. 27	37,666	10
	Dec. 66	37,671	10.
1769	Jan. 0	11 38 40,795	+ 3 3 50.
	Apr. 10	40,795	50.
	Jul. 19	40,786	50
	Oct. 27	40,768	50.
	Dec. 66	40,742	50

Tabulae X. Sect. I. *β Virginis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								^{h} $'$ $''$	$^\circ$ $'$ $''$
n. 0	+0,″358	+32,4	— 2,64	—20,8	—3	+2	1750	11 37 40,3958	+ 3 10 22,234
10	+0,675	+30,5	— 4,66	—19,4	—3	+2	1751	37 45,5206	10 1,968
20	+0,968	+27,7	— 6,51	—17,5	—3	+2	1752	37 46,6454	9 41,702
30	+1,229	+24,2	— 8,15	—15,1	—2	+1	1753	37 49,7702	9 21,435
ebr. 9	+1,452	+20,2	— 9,53	—12,5	—2	+1	1754	37 52,8951	9 1,168
							1755	37 56,0200	8 40,900
19	+1,632	+15,9	—10,64	— 9,7	—1	+1	1756	37 59,1448	8 20,632
art. 1	+1,769	+11,6	—11,46	— 6,9	—1	0	1757	38 2,2696	8 0,364
11	+1,863	+ 7,4	—12,01	— 4,2	0	0	1758	38 5,3944	7 40,096
21	+1,916	+ 3,5	—12,30	— 1,8	0	—1	1759	38 8,5192	7 19,827
31	+1,932	+ 0,1	—12,37	+ 0,3	+1	—1	1760	38 11,6440	6 59,558
							1761	38 14,7688	6 39,289
pr. 10	+1,917	— 2,8	—12,25	+ 2,1	+1	—1	1762	38 17,8936	6 19,019
20	+1,876	— 5,1	—11,96	+ 3,5	+2	—1	1763	38 21,0184	5 58,749
30	+1,815	— 6,9	—11,56	+ 4,5	+2	—2	1764	38 24,1432	5 38,479
aj. 10	+1,739	— 8,2	—11,06	+ 5,3	+2	—2	1765	38 27,2679	5 18,207
20	+1,652	— 9,0	—10,50	+ 5,8	+3	—2	1766	38 30,3927	4 57,936
							1767	38 33,5175	4 37,665
30	+1,560	— 9,4	— 9,90	+ 6,1	+3	—2	1768	38 36,6423	4 17,393
n. 9	+1,464	— 9,5	— 9,29	+ 6,1	+3	—2	1769	38 39,7670	3 57,121
19	+1,370	— 9,3	— 8,69	+ 6,0	+3	—2	1770	38 42,8917	3 36,849
29	+1,279	— 8,9	— 8,10	+ 5,7	+3	—2			
l. 9	+1,193	— 8,2	— 7,55	+ 5,2	+3	—2			
19	+1,115	— 7,3	— 7,06	+ 4,6	+3	—2			
29	+1,048	— 6,0	— 6,63	+ 3,8	+2	—1			
ug. 8	+0,995	— 4,5	— 6,30	+ 2,7	+2	—1			
18	+0,959	— 2,5	— 6,09	+ 1,5	+2	—1			
28	+0,945	— 0,2	— 6,01	— 0,1	+1	—1			
pt. 7	+0,955	+ 2,5	— 6,11	— 2,0	+1	—1			
17	+0,995	+ 5,7	— 6,41	— 4,1	0	0			
27	+1,068	+ 9,2	— 6,93	— 6,4	0	0			
ct. 7	+1,178	+13,0	— 7,69	— 8,9	—1	0			
17	+1,327	+16,9	— 8,71	—11,5	—1	+1			
27	+1,516	+20,8	— 9,99	—14,1	—2	+1			
ov. 6	+1,743	+24,5	—11,52	—16,4	—2	+1			
16	+2,006	+27,8	—13,27	—18,5	—3	+2			
26	+2,299	+30,5	—15,21	—20,1	—3	+2			
ec. 6	+2,615	+32,3	—17,28	—21,1	—3	+2			
16	+2,945	+33,2	—19,43	—21,6	—3	+2			
26	+3,278	+33,0	—21,59	—21,3	—3	+2			
36	+3,604	+31,9	—23,68	—20,3	—3	+2			

Diei reducto addendum est:

ante / post } Sept. 16 { + 1 / + 2

In mens. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Virginis.*

		h ′ ″	° ′ ″
1750	Jan. 0	13 12 4,501	— 9 50 58,80
	Apr. 10	4,525	58,64
	Jul. 19	4,541	58,42
	Oct. 27	4,547	58,15
	Dec. 66	4,545	57,83
1751	Jan. 0	13 12 7,685	— 9 51 17,07
	Apr. 10	7,676	16,73
	Jul. 19	7,659	16,34
	Oct. 27	7,632	15,88
	Dec. 66	7,598	15,36
1752	Jan. 1	13 12 10,748	— 9 51 34,67
	Apr. 10	10,707	34,15
	Jul. 19	10,658	33,59
	Oct. 27	10,601	33,01
	Dec. 66	10,537	32,40
1753	Jan. 0	13 12 13,697	— 9 51 51,74
	Apr. 10	13,628	51,12
	Jul. 19	13,553	50,48
	Oct. 27	13,472	49,83
	Dec. 66	13,386	49,18
1754	Jan. 0	13 12 16,553	— 9 52 8,53
	Apr. 10	16,463	7,87
	Jul. 19	16,371	7,23
	Oct. 27	16,275	6,59
	Dec. 66	16,177	5,97
1755	Jan. 0	13 12 19,348	— 9 52 25,31
	Apr. 10	19,248	24,70
	Jul. 19	19,149	24,12
	Oct. 27	19,050	23,58
	Dec. 66	18,952	23,07
1756	Jan. 1	13 12 22,123	— 9 52 42,36
	Apr. 10	22,026	41,87
	Jul. 19	21,933	41,44
	Oct. 27	21,843	41,05
	Dec. 66	21,756	40,71
1757	Jan. 0	13 12 24,923	— 9 52 59,94
	Apr. 10	24,839	59,63
	Jul. 19	24,762	59,38
	Oct. 27	24,691	59,19
	Dec. 66	24,627	59,06
1758	Jan. 0	13 12 27,786	— 9 53 18,22
	Apr. 10	27,726	18,13
	Jul. 19	27,675	18,10
	Oct. 27	27,631	18,12
	Dec. 66	27,596	18,21
1759	Jan. 0	13 12 30,745	— 9 53 37,30
	Apr. 10	30,715	37,43
	Jul. 19	30,694	37,61
	Oct. 27	30,682	37,85
	Dec. 66	30,679	38,14
1760	Jan. 1	13 12 33,818	— 9 53 57,6
	Apr. 10	33,821	57,9
	Jul. 19	33,832	57,6
	Oct. 27	33,852	58,8
	Dec. 66	33,881	58,4
1761	Jan. 0	13 12 37,010	— 9 54 17,0
	Apr. 10	37,044	18,9
	Jul. 19	37,086	18,1
	Oct. 27	37,136	19,6
	Dec. 66	37,193	19,3
1762	Jan. 0	13 12 40,312	— 9 54 38,5
	Apr. 10	40,374	38,4
	Jul. 19	40,441	38,5
	Oct. 27	40,514	4 6
	Dec. 66	40,593	4 9
1763	Jan. 0	13 12 43,705	— 9 55 0
	Apr. 10	43,787	3
	Jul. 19	43,872	5
	Oct. 27	43,960	6
	Dec. 66	44,052	7
1764	Jan. 1	13 12 47,160	— 9 55 2,9
	Apr. 10	47,253	2,9
	Jul. 19	47,347	2,6
	Oct. 27	47,441	2,1
	Dec. 66	47,536	2,4
1765	Jan. 0	13 12 50,643	— 9 55 4,8
	Apr. 10	50,738	4,8
	Jul. 19	50,831	4,5
	Oct. 27	50,922	4,8
	Dec. 66	51,010	4,8
1766	Jan. 0	13 12 54,120	— 9 56 4,6
	Apr. 10	54,206	3,2
	Jul. 19	54,288	3,3
	Oct. 27	54,365	3,9
	Dec. 66	54,437	3,0
1767	Jan. 0	13 12 57,553	— 9 56 2,5
	Apr. 10	57,621	2,2
	Jul. 19	57,683	2,4
	Oct. 27	57,737	2,0
	Dec. 66	57,786	2,1
1768	Jan. 1	13 13 0,910	— 9 56 4,2
	Apr. 10	0,953	4,8
	Jul. 19	0,987	4,9
	Oct. 27	1,013	4,4
	Dec. 66	1,031	4,4
1769	Jan. 0	13 13 4,166	— 9 57 3,2
	Apr. 10	4,178	3,8
	Jul. 19	4,181	3,8
	Oct. 27	4,175	3,4
	Dec. 66	4,160	3,4

Tabulae X. Sect. I. *α Virginis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
an. 0	−0,185	+33,4	+ 2,09	−20,2	−3	+3	1750	13 12 3,4912	− 9 50 52,048
10	+0,149	+33,1	+ 0,04	−20,5	−3	+2	1751	12 6,6287	51 11,181
20	+0,476	+31,8	− 2,01	−20,2	−3	+2	1752	12 9,7664	51 30,313
30	+0,785	+29,7	− 3,99	−19,2	−3	+2	1753	12 12,9042	51 49,443
ebr. 9	+1,070	+26,9	− 5,85	−17,8	−2	+2	1754	12 16,0420	52 8,572
							1755	12 19,1800	52 27,699
19	+1,323	+23,7	− 7,54	−15,9	−2	+2	1756	12 22,3181	52 46,825
art. 1	+1,543	+20,2	− 9,02	−13,7	−2	+2	1757	12 25,4563	53 5,949
11	+1,726	+16,5	−10,28	−11,5	−1	+2	1758	12 28,5946	53 25,072
21	+1,873	+13,0	−11,31	− 9,2	0	+2	1759	12 31,7330	53 44,193
31	+1,986	+ 9,6	−12,11	− 6,9	0	+1	1760	12 34,8717	54 3,313
							1761	12 38,0104	54 22,431
pr. 10	+2,065	+ 6,5	−12,69	− 4,8	+1	+1	1762	12 41,1492	54 41,548
20	+2,115	+ 3,6	−13,06	− 2,9	+1	+1	1763	12 44,2881	55 0,663
30	+2,137	+ 1,1	−13,26	− 1,2	+2	+1	1764	12 47,4271	55 19,777
aj. 10	+2,136	− 1,2	−13,30	+ 0,3	+2	0	1765	12 50,5661	55 38,888
20	+2,113	− 3,3	−13,21	+ 1,6	+3	0	1766	12 53,7053	55 57,998
							1767	12 56,8446	56 17,107
30	+2,070	− 5,1	−12,99	+ 2,7	+3	0	1768	12 59,9841	56 36,214
n. 9	+2,011	− 6,7	−12,67	+ 3,6	+3	0	1769	13 3,1237	56 55,325
19	+1,937	− 8,1	−12,27	+ 4,4	+3	−1	1770	13 6,2634	57 14,425
29	+1,850	− 9,3	−11,79	+ 5,1	+4	−1			
l. 9	+1,751	−10,2	−11,25	+ 5,6	+4	−1			
19	+1,646	−10,8	−10,67	+ 6,0	+4	−1			
29	+1,536	−11,0	−10,05	+ 6,3	+3	−1			
g. 8	+1,427	−10,7	− 9,42	+ 6,3	+3	−1			
18	+1,322	−10,0	− 8,80	+ 6,0	+3	−1			
28	+1,228	− 8,5	− 8,22	+ 5,5	+3	−1			
pt. 7	+1,152	− 6,4	− 7,71	+ 4,5	+2	−1			
17	+1,100	− 3,7	− 7,32	+ 3,2	+2	−1			
27	+1,079	− 0,3	− 7,08	+ 1,5	+1	0			
t. 7	+1,095	+ 3,7	− 7,02	− 0,6	+1	0			
17	+1,152	+ 8,0	− 7,20	− 3,1	0	0			
27	+1,255	+12,7	− 7,63	− 5,7	0	+1			
v. 6	+1,405	+17,3	− 8,34	− 8,5	−1	+1			
16	+1,601	+21,8	− 9 33	−11,3	−1	+2			
26	+1,840	+25,8	−10,60	−14,0	−1	+2			
c. 6	+2,116	+29,1	−12,12	−16,3	−2	+3			
16	+2,421	+31,5	−13,86	−18,3	−2	+3			
26	+2,746	+33,0	−15,78	−19,7	−2	+3			
36	+3,080	+33,4	−17,80	−20,4	−2	+4			

Diei reducto addendum est:

ante / post } Oct. 12 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Bootis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	14 4 16,977	+20 29 34,90	1760	Jan. 1	14 4 42,409	+20 26 35,
	Apr. 10	16,973	35,23		Apr. 10	42,437	34,
	Jul. 19	16,961	35,62		Jul. 19	42,473	34,
	Oct. 27	16,942	36,06		Oct. 27	42,515	33,
	Dec. 66	16,914	36,55		Dec. 66	42,565	33,
1751	Jan. 0	14 4 19,655	+20 29 17,22	1761	Jan. 0	14 4 45,279	+20 26 14,
	Apr. 10	19,622	17,74		Apr. 10	45,333	13,
	Jul. 19	19,582	18,30		Jul. 19	45,392	12,
	Oct. 27	19,534	18,89		Oct. 27	45,457	12,
	Dec. 66	19,479	19,51		Dec. 66	45,527	11,
1752	Jan. 1	14 4 22,230	+20 29 0,14	1762	Jan. 0	14 4 48,235	+20 25 52.
	Apr. 10	22,171	0,78		Apr. 10	48,308	52.
	Jul. 19	22,106	1,44		Jul. 19	48,385	51,
	Oct. 27	22,036	2,11		Oct. 27	48,464	50,
	Dec. 66	21,959	2,80		Dec. 66	48,547	50,
1753	Jan. 0	14 4 24,717	+20 28 43,42	1763	Jan. 0	14 4 51,251	+20 25 31.
	Apr. 10	24,638	44,11		Apr. 10	51,335	30.
	Jul. 19	24,555	44,79		Jul. 19	51,420	29.
	Oct. 27	24,470	45,47		Oct. 27	51,506	29.
	Dec. 66	24,382	46,15		Dec. 66	51,592	28.
1754	Jan. 0	14 4 27,143	+20 28 26,77	1764	Jan. 1	14 4 54,295	+20 25 9.
	Apr. 10	27,054	27,43		Apr. 10	54,381	9.
	Jul. 19	26,964	28,06		Jul. 19	54,466	8.
	Oct. 27	26,874	28,66		Oct. 27	54,549	8.
	Dec. 66	26,783	29,24		Dec. 66	54,630	7.
1755	Jan. 0	14 4 29,545	+20 28 9,90	1765	Jan. 0	14 4 57,335	+20 24 48.
	Apr. 10	29,456	10,45		Apr. 10	57,414	48.
	Jul. 19	29,369	10,96		Jul. 19	57,490	47
	Oct. 27	29,285	11,41		Oct. 27	57,561	47
	Dec. 66	29,204	11,82		Dec. 66	57,628	47.
1756	Jan. 1	14 4 31,962	+20 27 52,54	1766	Jan. 0	14 5 0,338	+20 24 28
	Apr. 10	31,883	52,92		Apr. 10	0,402	28
	Jul. 19	31,810	53,23		Jul. 19	0,460	27
	Oct. 27	31,742	53,48		Oct. 27	0,512	27
	Dec. 66	31,680	53,68		Dec. 66	0,558	27.
1757	Jan. 0	14 4 34,432	+20 27 34,47	1767	Jan. 0	14 5 3,275	+20 24 8
	Apr. 10	34,374	34,62		Apr. 10	3,317	8.
	Jul. 19	34,323	34,71		Jul. 19	3,351	8.
	Oct. 27	34,279	34,73		Oct. 27	3,378	8.
	Dec. 66	34,242	34,69		Dec. 66	3,398	8
1758	Jan. 0	14 4 36,985	+20 27 15,57	1768	Jan. 1	14 5 6,124	+20 23 49,
	Apr. 10	36,954	15,48		Apr. 10	6,138	50.
	Jul. 19	36,931	15,33		Jul. 19	6,144	50
	Oct. 27	39,916	15,12		Oct. 27	6,142	50.
	Dec. 66	36,909	14,85		Dec. 66	6,133	51,
1759	Jan. 0	14 4 39,642	+20 26 55,81	1769	Jan. 0	14 5 8,869	+20 23 31,
	Apr. 10	39,641	55,50		Apr. 10	8,853	32,
	Jul. 19	39,648	55,14		Jul. 19	8,830	32,
	Oct. 27	39,663	54,73		Oct. 27	8,799	33,
	Dec. 66	39,686	54,27		Dec. 66	8,761	33,

Tabulae X. Sect. I. *α Bootis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jn. 0	−0,529	+32,1	− 7,69	−24,3	−3	+2	1750	14 4 16,0197	+20 29 41,376
10	−0,202	+33,0	−10,00	−21,6	−3	+2	1751	4 18,7511	29 22,217
20	+0,130	+32,9	−12,00	−18,2	−3	+2	1752	4 21,4825	29 3,059
30	+0,456	+31,9	−13,64	−14,3	−3	+2	1753	4 24,2140	28 43,904
Febr. 9	+0,768	+30,1	−14,85	−10,0	−3	+1	1754	4 26,9455	28 24,751
							1755	4 29,6770	28 5,600
19	+1,058	+27,6	−15,63	− 5,6	−3	+1	1756	4 32,4085	27 46,452
Mrt. 1	+1,319	+24,5	−15,96	− 1,1	−2	+1	1757	4 35,1400	27 27,305
11	+1,548	+21,2	−15,85	+ 3,1	−2	0	1758	4 37,8715	27 8,161
21	+1,742	+17,6	−15,35	+ 6,8	−2	0	1759	4 40,6030	26 49.019
31	+1,900	+14,1	−14,49	+10,1	−1	0	1760	4 43,3346	26 29,879
							1761	4 46,0662	26 10,741
Apr. 10	+2,024	+10,7	−13,34	+12,6	−1	−1	1762	4 48,7978	25 51,605
20	+2,113	+ 7,3	−11,97	+14,4	0	−1	1763	4 51,5294	25 32,472
30	+2,170	+ 4,2	−10,46	+15,5	0	−1	1764	4 54,2610	25 13,341
Maj. 10	+2,197	+ 1,3	− 8,87	+16,0	+1	−1	1765	4 56,9925	24 54.211
20	+2,196	− 1,4	− 7,27	+15,8	+1	−1	1766	4 59,7241	24 35,084
							1767	5 2,4557	24 15,960
30	+2,169	− 3,9	− 5,72	+15,0	+1	−1	1768	5 5,1874	23 56,837
Jn. 9	+2,118	− 6,2	− 4,28	+13,6	+2	−1	1769	5 7,9191	23 37,716
19	+2,046	− 8,2	− 3,00	+11,9	+2	−1	1770	5 10,6508	23 18,597
29	+1,954	−10,1	− 1,91	+ 9,9	+2	−1			
Jl 9	+1,844	−11,7	− 1,03	+ 7,5	+3	−1			
19	+1,720	−13,0	− 0,41	+ 5,0	+3	0			
29	+1,585	−13,8	− 0,04	+ 2,4	+3	0			
Aug. 8	+1,444	−14,2	+ 0,06	− 0,5	+3	0			
18	+1,301	−14,1	− 0,13	− 3,4	+3	0			
28	+1,163	−13,3	− 0,61	− 6,3	+3	+1			
Sept. 7	+1,036	−11,8	− 1,38	− 9,2	+2	+1			
17	+0,927	− 9,6	− 2,44	−12,1	+2	+2			
27	+0,844	− 6,7	− 3,79	−15,0	+2	+2			
Oct. 7	+0,794	− 3,0	− 5,43	−17,8	+1	+2			
17	+0,784	+ 1,2	− 7,34	−20,4	+1	+3			
27	+0,818	+ 5,9	− 9,50	−22,8	0	+3			
Nov. 6	+0,901	+10,8	−11,89	−24,8	0	+4			
16	+1,033	+15,7	−14,45	−26,3	−1	+4			
26	+1,215	+20,4	−17,14	−27,2	−1	+4			
Dec. 6	+1,441	+24,6	−19,89	−27,5	−2	+4			
16	+1,707	+28,2	−22,63	−26,9	−2	+5			
26	+2,005	+30,9	−25,27	−25,5	−2	+5			
36	+2,324	+32,6	−27,73	−23,4	−3	+4			

Diei reducto addendum est:

ante / post } Oct. 26 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 1 *α Librae.*

		h ′ ″	° ′ ″
1750	Jan. 0	14 36 55,359	—14 56 33,47
	Apr. 10	55,386	33,03
	Jul. 19	55,404	32,54
	Oct. 27	55,413	32,01
	Dec. 66	55,412	31,43
1751	Jan. 0	14 36 58,702	—14 56 47,25
	Apr. 10	58,695	46,64
	Jul. 19	58,679	46,01
	Oct. 27	58,653	45,35
	Dec. 66	58,618	44,66
1752	Jan. 1	14 37 1,919	—14 57 0,51
	Apr. 10	1,878	56 59,81
	Jul. 19	1,828	59,10
	Oct. 27	1,770	58,38
	Dec. 66	1,704	57,66
1753	Jan. 0	14 37 5,015	—14 57 13,52
	Apr. 10	4,944	12,80
	Jul. 19	4,867	12,10
	Oct. 27	4,783	11,42
	Dec. 66	4,693	10,75
1754	Jan. 0	14 37 8,012	—14 57 26,59
	Apr. 10	7,919	25,94
	Jul. 19	7,822	25,33
	Oct. 27	7,722	24,76
	Dec. 66	7,619	24,23
1755	Jan. 0	14 37 10,943	—14 57 40,01
	Apr. 10	10,839	39,51
	Jul. 19	10,735	39,06
	Oct. 27	10,631	38,67
	Dec. 66	10,527	38,34
1756	Jan. 1	14 37 13,851	—14 57 54,05
	Apr. 10	13,749	53,76
	Jul. 19	13,650	53,53
	Oct. 27	13,554	53,37
	Dec. 66	13,462	53,28
1757	Jan. 0	14 37 16,782	—14 58 8,90
	Apr. 10	16,693	8,85
	Jul. 19	16,612	8,87
	Oct. 27	16,536	8,96
	Dec. 66	16,467	9,11
1758	Jan. 0	14 37 19,779	—14 58 24,65
	Apr. 10	19,714	24,85
	Jul. 19	19,658	25,10
	Oct. 27	19,611	25,42
	Dec. 66	19,572	25,80
1759	Jan. 0	14 37 22,874	—14 58 41,26
	Apr. 10	22,841	41,68
	Jul. 19	22,817	42,14
	Oct. 27	22,802	42,65
	Dec. 66	22,797	43,20

		h ′ ″	° ′ ″
1760	Jan. 1	14 37 26,087	—14 58 58,
	Apr. 10	26,089	59,
	Jul. 19	26,099	59.
	Oct. 27	26,118	59 0.
	Dec. 66	26,147	1.
1761	Jan. 0	14 37 29,427	—14 59 16
	Apr. 10	29,461	17
	Jul. 19	29,504	17
	Oct. 27	29,554	18
	Dec. 66	29,613	19
1762	Jan. 0	14 37 32,883	—14 59 34
	Apr. 10	32,946	35
	Jul. 19	33,016	35
	Oct. 27	33,091	36
	Dec. 66	33,173	37
1763	Jan. 0	14 37 36,435	—14 59 5
	Apr. 10	36,520	5
	Jul. 19	36,609	5
	Oct. 27	36,701	5
	Dec. 66	36,797	5
1764	Jan. 1	14 37 40,055	—15 0 1
	Apr. 10	40,153	1
	Jul. 19	40,251	1
	Oct. 27	40,350	1
	Dec. 66	40,450	1
1765	Jan. 0	14 37 43,708	—15 0 2
	Apr. 10	43,807	2
	Jul. 19	43,905	2
	Oct. 27	44,001	2
	Dec. 66	44,094	2
1766	Jan. 0	14 37 47,354	—15 0 4
	Apr. 10	47,445	4
	Jul. 19	47,532	4
	Oct. 27	47,514	4
	Dec. 66	47,691	4
1767	Jan. 0	14 37 50,957	—15 1
	Apr. 10	51,030	0 5
	Jul. 19	51,096	5
	Oct. 27	51,155	5
	Dec. 66	51,208	5
1768	Jan. 1	14 37 54,482	—15 1 1
	Apr. 10	54,529	1
	Jul. 19	54,567	1
	Oct. 27	54,596	1
	Dec. 66	54,616	1
1769	Jan. 0	14 37 57,902	—15 1 1
	Apr. 10	57,916	1
	Jul. 19	57,921	1
	Oct. 27	57,919	1
	Dec. 66	57,903	1

Tabulae X. Sect. I. 1*a Librae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
n. 0	−0,668	+31,8	+ 3,39	−15,6	−3	+1	1750	14 36 54,3030	−14 56 27,328
10	−0,342	+32,9	+ 1,77	−16,5	−3	+1	1751	36 57,5914	56 42,949
20	−0,010	+33,2	+ 0,09	−16,9	−3	+2	1752	37 0,8800	56 58,566
30	+0,321	+32,6	− 1,60	−16,7	−3	+2	1753	37 4,1687	57 14,181
Febr. 9	+0,642	+31,2	− 3,25	−16,0	−3	+2	1754	37 7,4576	57 29,792
							1755	37 10,7467	57 45,400
19	+0,944	+29,2	− 4,80	−15,8	−3	+2	1756	37 14,0359	58 1,005
Mart. 1	+1,225	+26,8	− 6,21	−13,3	−2	+2	1757	37 17,3253	58 16,607
11	+1,479	+24,0	− 7,46	−11,6	−2	+3	1758	37 20,6148	58 32,206
21	+1,705	+21,2	− 8,53	− 9,8	−1	+3	1759	37 23,9045	58 47,802
31	+1,902	+18,2	− 9,41	− 7,9	−1	+3	1760	37 27,1943	59 3,395
							1761	37 30,4843	59 18,985
Apr. 10	+2,069	+15,3	−10,11	− 6,2	0	+2	1762	37 33,7744	59 34,571
20	+2,208	+12,5	−10,64	− 4,5	0	+2	1763	37 37,0647	59 50,155
30	+2,318	+ 9,6	−11,01	− 3,0	+1	+2	1764	37 40,3552	−15 0 5,735
Maj. 10	+2,400	+ 6,8	−11,24	− 1,7	+1	+2	1765	37 43,6458	0 21,312
20	+2,454	+ 4,1	−11,34	− 0,6	+2	+2	1766	37 46,9366	0 36,887
							1767	37 50,2275	0 52,458
30	+2,482	+ 1,5	−11,35	+ 0,4	+2	+2	1768	37 53,5186	1 8,026
Jun. 9	+2,483	− 1,3	−11,26	+ 1,3	+3	+2	1769	37 56,8098	1 23,590
19	+2,457	− 3,9	−11,09	+ 2,1	+3	+1	1770	38 0,1012	1 39,152
29	+2,406	− 6,3	−10,85	+ 2,8	+4	+1			
Jul. 9	+2,331	− 8,6	−10,54	+ 3,4	+4	+1			
19	+2,234	−10,6	−10,18	+ 4,0	+4	+1			
29	+2,119	−12,2	− 9,75	+ 4,5	+4	+1			
Aug. 8	+1,990	−13,4	− 9,28	+ 4,9	+4	0			
18	+1,852	−14,4	− 8,78	+ 5,2	+4	0			
28	+1,713	−14,2	− 8,25	+ 5,2	+4	0			
Sept. 7	+1,579	−12,7	− 7,74	+ 5,0	+3	0			
17	+1,460	−10,7	− 7,25	+ 4,6	+3	0			
27	+1,365	− 8,0	− 6,83	+ 3,7	+3	0			
Oct. 7	+1,300	− 4,5	− 6,52	+ 2,5	+2	0			
17	+1,275	− 0,3	− 6,35	+ 0,9	+2	+1			
27	+1,295	+ 4,5	− 6,35	− 1,1	+1	+1			
Nov. 6	+1,365	+ 9,6	− 6,57	− 3,4	+1	+1			
16	+1,486	+14,6	− 7,03	− 5,8	0	+2			
26	+1,657	+19,4	− 7,73	− 8,3	0	+2			
Dec. 6	+1,876	+23,8	− 8,69	−10,7	−1	+3			
16	+2,135	+27,6	− 9,87	−12,8	−1	+3			
26	+2,427	+30,4	−11,25	−14,7	−1	+4			
36	+2,743	+32,4	−12,80	−16,0	−2	+4			

Diei reducto addendum est:

ante } Nov. 3 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 2a *Librae.*

		h ′ ″	° ′ ″
1750	Jan. 0	14 37 6,583	—14 59 17,31
	Apr. 10	6,610	16,87
	Jul. 19	6,628	16,38
	Oct. 27	6,637	15,84
	Dec. 66	6,636	15,26
1751	Jan. 0	14 37 9,928	—14 59 31,06
	Apr. 10	9,921	30,45
	Jul. 19	9,904	29,82
	Oct. 27	9,878	29,16
	Dec. 66	9,843	28,47
1752	Jan. 1	14 37 13,147	—14 59 44,29
	Apr. 10	13,106	43,59
	Jul. 19	13,056	42,88
	Oct. 27	12,998	42,16
	Dec. 66	12,932	41,44
1753	Jan. 0	14 37 16,245	—14 59 57,27
	Apr. 10	16,174	56,55
	Jul. 19	16,096	55,85
	Oct. 27	16,012	55,17
	Dec. 66	15,922	54,51
1754	Jan. 0	14 37 19,244	—15 0 10,31
	Apr. 10	19,151	9,66
	Jul. 19	19,054	9,05
	Oct. 27	18,954	8,48
	Dec. 66	18,851	7,95
1755	Jan. 0	14 37 22,177	—15 0 23,70
	Apr. 10	22,073	23,20
	Jul. 19	21,969	22,76
	Oct. 27	21,865	22,37
	Dec. 66	21,761	22,04
1756	Jan. 1	14 37 25,087	—15 0 37,72
	Apr. 10	24,984	37,43
	Jul. 19	24,885	37,20
	Oct. 27	24,790	37,04
	Dec. 66	24,698	36,95
1757	Jan. 0	14 37 28,019	—15 0 52,54
	Apr. 10	27,931	52,49
	Jul. 19	27,849	52,51
	Oct. 27	27,773	52,60
	Dec. 66	27,703	52,75
1758	Jan. 0	14 37 31,018	—15 1 8,26
	Apr. 10	30,953	8,46
	Jul. 19	30,897	8,72
	Oct. 27	30,850	9,03
	Dec. 66	30,811	9,41
1759	Jan. 0	14 37 34,115	—15 1 24,84
	Apr. 10	34,082	25,26
	Jul. 19	34,058	25,72
	Oct. 27	34,043	26,23
	Dec. 66	34,038	26,79

		h ′ ″	° ′ ″
1760	Jan. 1	14 37 37,330	— 15 1 42,1
	Apr. 10	37,332	42,7
	Jul. 19	37,342	43,3
	Oct. 27	37,361	43,9
	Dec. 66	37,390	44,6
1761	Jan. 0	14 37 40,671	— 15 2 0,(
	Apr. 10	40,706	0,(
	Jul. 19	40,749	1,2
	Oct. 27	40,799	2,(
	Dec. 66	40,858	2,
1762	Jan. 0	14 37 44,129	— 15 2 18,
	Apr. 10	44,192	18,
	Jul. 19	44,262	19,
	Oct. 27	44,338	20.
	Dec. 66	44,420	20.
1763	Jan. 0	14 37 47,684	— 15 2 36.
	Apr. 10	47,769	36.
	Jul. 19	47,858	37.
	Oct. 27	47,950	37
	Dec. 66	48,046	38
1764	Jan. 1	14 37 51,306	— 15 2 53
	Apr. 10	51,404	54
	Jul. 19	51,502	54
	Oct. 27	51,601	55
	Dec. 66	51,701	55
1765	Jan. 0	14 37 54,960	— 15 3 11
	Apr. 10	55,060	11
	Jul. 19	55,158	11
	Oct. 27	55,253	12
	Dec. 66	55,347	12
1766	Jan. 0	14 37 58,609	— 15 3 27
	Apr. 10	58,700	27
	Jul. 19	58,787	27
	Oct. 27	58,869	27
	Dec. 66	58,947	27
1767	Jan. 0	14 38 2,214	— 15 3 4[illegible]
	Apr. 10	2,287	4[illegible]
	Jul. 19	2,353	4[illegible]
	Oct. 27	2,413	4[illegible]
	Dec. 66	2,465	4[illegible]
1768	Jan. 1	14 38 5,741	— 15 3 5[illegible]
	Apr. 10	5,788	5[illegible]
	Jul. 19	5,826	5[illegible]
	Oct. 27	5,855	5[illegible]
	Dec. 66	5,876	5[illegible]
1769	Jan. 0	14 38 9,163	— 15 4 1[illegible]
	Apr. 10	9,177	1 [illegible]
	Jul. 19	9,182	1 0
	Oct. 27	9,178	1[illegible]
	Dec. 66	9,164	1[illegible]

Tabulae X. Sect. I. 2*a* *Librae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jn. 0	−0,669	+31,8	+ 3,40	−15,5	−3	+1	1750	14 37 5,5264	−14 59 11,171
10	−0,344	+32,9	+ 1,79	−16,5	−3	+1	1751	37 8,8168	59 26,763
20	−0,011	+33,2	+ 0,11	−16,9	−3	+2	1752	37 12,1074	59 42,352
30	+0,320	+32,6	− 1,58	−16,7	−3	+2	1753	37 15,3981	59 57,938
Febr. 9	+0,641	+31,2	− 3,23	−16,0	−3	+2	1754	37 18,6890	−15 0 13,521
							1755	37 21,9800	0 29,100
19	+0,944	+29,2	− 4,78	−14,8	−3	+2	1756	37 25,2712	0 44,676
Mrt. 1	+1,225	+26,8	− 6,19	−13,4	−2	+2	1757	37 28,5625	1 0,249
11	+1,479	+24,0	− 7,45	−11,6	−2	+3	1758	37 31,8540	1 15,818
21	+1,705	+21,2	− 8,51	− 9,8	−1	+3	1759	37 35,1457	1 31,385
31	+1,902	+18,3	− 9,40	− 8,0	−1	+3	1760	37 38,4375	1 46,950
							1761	37 41,7295	2 2,511
Apr. 10	+2,070	+15,3	−10,10	− 6,1	0	+2	1762	37 45,0216	2 18,069
20	+2,208	+12,5	−10,62	− 4,5	0	+2	1763	37 48,3139	2 33,623
30	+2,319	+ 9,7	−10,99	− 3,0	+1	+2	1764	37 51,6063	2 49,174
Mj. 10	+2,401	+ 6,9	−11,22	− 1,7	+1	+2	1765	37 54,8989	3 4,722
20	+2,456	+ 4,2	−11,33	− 0,6	+2	+2	1766	37 58,1916	3 20,267
							1767	38 1,4845	3 35,809
30	+2,484	+ 1,5	−11,34	+ 0,4	+2	+2	1768	38 4,7776	3 51,348
Jn. 9	+2,485	− 1,3	−11,25	+ 1,3	+3	+2	1769	38 8,0708	4 6,884
19	+2,459	− 3,8	−11,09	+ 2,0	+3	+1	1770	38 11,3642	4 22,416
29	+2.409	− 6,3	−10,85	+ 2,8	+4	+1			
Jl 9	+2,333	− 8,6	−10,54	+ 3,4	+4	+1			
19	+2,237	−10,6	−10,17	+ 4,0	+4	+1			
29	+2,121	−12,3	− 9,75	+ 4,5	+4	+1			
Aug. 8	+1,992	−13,4	− 9,28	+ 4,9	+4	0			
18	+1,854	−13,9	− 8,78	+ 5,2	+4	0			
28	+1,715	−13,7	− 8,25	+ 5,3	+4	0			
Sept. 7	+1,581	−12,7	− 7,73	+ 5,0	+3	0			
17	+1,462	−10,8	− 7,25	+ 4,5	+3	0			
27	+1,366	− 8,0	− 6,83	+ 3,7	+3	0			
Oct. 7	+1,302	− 4,5	− 6,51	+ 2,5	+2	0			
17	+1,277	− 0,3	− 6,33	+ 0,9	+2	+1			
27	+1,297	+ 4,5	− 6,34	− 1,1	+1	+1			
Nov. 6	+1,366	+ 9,5	− 6,55	− 3,4	+1	+1			
16	+1,487	+14,6	− 7,01	− 5,8	0	+2			
26	+1,658	+19,5	− 7,71	− 8,2	0	+2			
Dec. 6	+1,877	+23,9	− 8,65	−10,6	−1	+3			
16	+2,136	+27,6	− 9,83	−12,9	−1	+3			
26	+2,428	+30,4	−11,22	−14,6	−1	+4			
36	+2,743	+32,4	−12,75	−16,0	−2	+4			

Diei reducto addendum est:

ante } Nov. 3 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Coronae.*

		^{h} ^{m} ^{s}	° ′ ″
1750	Jan. 0	15 24 7,525	+27 34 10,08
	Apr. 10	7,520	10,66
	Jul. 19	7,507	11,27
	Oct. 27	7,487	11,92
	Dec. 66	7,459	12,61
1751	Jan. 0	15 24 10,004	+27 33 59,69
	Apr. 10	9,972	34 0,40
	Jul. 19	9,933	1,12
	Oct. 27	9,888	1,86
	Dec. 66	9,837	2,62
1752	Jan. 1	15 24 12,390	+27 33 49,68
	Apr. 10	12,334	50,44
	Jul. 19	12,274	51,19
	Oct. 27	12,209	51,94
	Dec. 66	12,139	52,68
1753	Jan. 0	15 24 14,698	+27 33 39,75
	Apr. 10	14,625	40,48
	Jul. 19	14,550	41,17
	Oct. 27	14,472	41,83
	Dec. 66	14,392	42,47
1754	Jan. 0	15 24 16,954	+27 33 29,58
	Apr. 10	16,872	30,19
	Jul. 19	16,791	30,74
	Oct. 27	16,710	31,24
	Dec. 66	16,629	31,69
1755	Jan. 0	15 24 19,190	+27 33 18,87
	Apr. 10	19,110	19,28
	Jul. 19	19,032	19,62
	Oct. 27	18,957	19,90
	Dec. 66	18,885	20,11
1756	Jan. 1	15 24 21,443	+27 33 7,37
	Apr. 10	21,373	7,54
	Jul. 19	21,308	7,63
	Oct. 27	21,249	7,65
	Dec. 66	21,194	7,60
1757	Jan. 0	15 24 23,746	+27 32 54,96
	Apr. 10	23,695	54,86
	Jul. 19	23,651	54,69
	Oct. 27	23,613	54,46
	Dec. 66	23,582	54,15
1758	Jan. 0	15 24 26,127	+27 32 41,59
	Apr. 10	26,101	41,24
	Jul. 19	26,082	40,84
	Oct. 27	26,071	40,38
	Dec. 66	26,067	39,86
1759	Jan. 0	15 24 28,602	+27 32 27,38
	Apr. 10	28,603	26,83
	Jul. 19	28,612	26,24
	Oct. 27	28,627	25,61
	Dec. 66	28,650	24,94
1760	Jan. 1	15 24 31,176	+27 32 12,
	Apr. 10	31,204	11,
	Jul. 19	31,238	11,
	Oct. 27	31,278	10,
	Dec. 66	31,325	9,
1761	Jan. 0	15 24 33,844	+27 31 57,
	Apr. 10	33,895	56,
	Jul. 19	33,950	55.
	Oct. 27	34,010	55.
	Dec. 66	34,074	54,
1762	Jan. 0	15 24 36,587	+27 31 41.
	Apr. 10	36,655	41.
	Jul. 19	36,725	40.
	Oct. 27	36,798	39
	Dec. 66	36,873	39
1763	Jan. 0	15 24 39,382	+27 31 26
	Apr. 10	39,459	26
	Jul. 19	39,536	25
	Oct. 27	39,614	24
	Dec. 66	39,692	24
1764	Jan. 1	15 24 42,201	+27 31 11
	Apr. 10	42,279	11
	Jul. 19	42,355	11
	Oct. 27	42,429	10
	Dec. 66	42,502	10
1765	Jan. 0	15 24 45,013	+27 30 57
	Apr. 10	45,084	57
	Jul. 19	45,151	57
	Oct. 27	45,214	57
	Dec. 66	45,274	57
1766	Jan. 0	15 24 47,790	+27 30 44
	Apr. 10	47,846	44
	Jul. 19	47,897	44
	Oct. 27	47,942	44
	Dec. 66	47,982	44
1767	Jan. 0	15 24 50,505	+27 30 33
	Apr. 10	50,540	33
	Jul. 19	50,569	33
	Oct. 27	50,591	33
	Dec. 66	50,607	33
1768	Jan. 1	15 24 53,138	+27 30 21
	Apr. 10	53,149	21
	Jul. 19	53,152	21
	Oct. 27	53,148	21
	Dec. 66	53,137	21
1769	Jan. 0	15 24 55,677	+27 30 10
	Apr. 10	55 661	10
	Jul. 19	55,638	11
	Oct. 27	55,608	11
	Dec. 66	55,571	11

Tabulae X. Sect. I. *a Coronae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	′	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,007	+28,2	− 7,85	−27,4	−2	+2	1750	15 24 6,6600	+27 34 15,516
10	−0,711	+30,7	−10,48	−24,7	−2	+2	1751	24 9,1946	34 2,827
20	−0,393	+32,3	−12,30	−21,5	−2	+2	1752	24 11,7292	33 50,141
30	−0,065	+32,9	−14,73	−17,1	−3	+2	1753	24 14,2639	33 37,458
Febr. 9	+0,265	+32,7	−16,21	−12,3	−3	+1	1754	24 16,7986	33 24,778
							1755	24 19,3333	33 12,100
19	+0,589	+31,7	−17,18	− 7,2	−3	+1	1756	24 21,8680	32 59,427
Mart. 1	+0,898	+29,9	−17,64	− 2,0	−3	+1	1757	24 24,4028	32 46,756
11	+1,186	+27,6	−17,57	+ 3,2	−3	0	1758	24 26,9376	32 34,088
21	+1,449	+24,9	−17,01	+ 7,9	−2	0	1759	24 29,4724	32 21,423
31	+1,684	+21,9	−15,99	+12,2	−2	0	1760	24 32,0072	32 8,760
							1761	24 34,5421	31 56,101
Apr. 10	+1,887	+18,7	−14,57	+15,8	−2	0	1762	24 37,0770	31 43,445
20	+2,058	+15,5	−12,83	+18,6	−1	−1	1763	24 39,6119	31 30,791
30	+2,196	+12,2	−10,85	+20,6	−1	−1	1764	24 42,1468	31 18,141
Maj. 10	+2,301	+ 8,8	− 8,71	+21,8	0	−1	1765	24 44,6817	31 5,493
20	+2,371	+ 5,3	− 6,49	+22,2	0	−1	1766	24 47,2167	30 52,849
							1767	24 49,7517	30 40,207
30	+2,407	+ 2,0	− 4,28	+21,7	+1	−1	1768	24 52,2867	30 27,568
Jun. 9	+2,411	− 1,3	− 2,15	+20,5	+1	−1	1769	24 54,8218	30 14,933
19	+2,382	− 4,5	− 0,16	+18,8	+1	0	1770	24 57,3569	30 2,300
29	+2,321	− 7,6	+ 1,63	+16,7	+2	0			
Jul. 9	+2,230	−10,5	+ 3,17	+14,1	+2	0			
19	+2,112	−13,0	+ 4,44	+11,1	+2	0			
29	+1,970	−15,2	+ 5,39	+ 7,8	+2	0			
Aug. 8	+1,808	−16,9	+ 6,00	+ 4,4	+3	+1			
18	+1,632	−18,0	+ 6,27	+ 0,9	+3	+1			
28	+1,448	−18,4	+ 6,18	− 2,7	+3	+1			
Sept. 7	+1,264	−18,0	+ 5,73	− 6,4	+3	+2			
17	+1,088	−16,8	+ 4,91	−10,0	+2	+2			
27	+0,928	−14,7	+ 3,73	−13,5	+2	+3			
Oct. 7	+0,795	−11,6	+ 2,21	−17,0	+2	+3			
17	+0,696	− 7,9	+ 0,34	−20,3	+2	+3			
27	+0,638	− 3,4	− 1,84	−23,2	+1	+4			
Nov. 6	+0,629	+ 1,7	− 4,30	−25,8	+1	+4			
16	+0,672	+ 7,0	− 6,99	−27,8	0	+4			
26	+0,768	+12,3	− 9,85	−29,2	0	+5			
Dec. 6	+0,917	+17,4	−12,83	−29,9	0	+5			
16	+1,115	+22,0	−15,82	−29,7	−1	+5			
26	+1,357	+26,1	−18,76	−28,6	−1	+5			
36	+1,636	+29,3	−21,53	−26,6	−2	+5			

Diei reducto addendum est:

ante } Nov. 15 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *a Serpentis.*

1750	Jan. 0	15 31 59,207	+ 7 13 43,44	1760	Jan. 1	15 32 26,708	+ 7 11 52,10
	Apr. 10	59,217	44,04		Apr. 10	26,724	51,40
	Jul. 19	59,219	44,67		Jul. 19	26,747	50,68
	Oct. 27	59,212	45,34		Oct. 27	26,778	49,94
	Dec. 66	59,197	46,04		Dec. 66	26,817	49,19
1751	Jan. 0	15 32 2,148	+ 7 13 33,76	1761	Jan. 0	15 32 29,748	+ 7 11 37,44
	Apr. 10	2,127	34,48		Apr. 10	29,792	36,68
	Jul. 19	2,098	35,22		Jul. 19	29,842	35,94
	Oct. 27	2,062	35,97		Oct. 27	29,898	35,20
	Dec. 66	2,018	36,74		Dec. 66	29,961	34,44
1752	Jan. 1	15 32 4,978	+ 7 13 24,45	1762	Jan. 0	15 32 32,884	+ 7 11 22,7
	Apr. 10	4,929	25,22		Apr. 10	32,951	21,9
	Jul. 19	4,873	25,98		Jul. 19	33,022	21,3
	Oct. 27	4,810	26,73		Oct. 27	33,097	20,6
	Dec. 66	4,741	27,47		Dec. 66	33,177	20,0
1753	Jan. 0	15 32 7,709	+ 7 13 15,20	1763	Jan. 0	15 32 36,095	+ 7 11 8,2
	Apr. 10	7,636	15,92		Apr. 10	36,177	7,6
	Jul. 19	7,559	16,61		Jul. 19	36,261	7,0
	Oct. 27	7,477	17,27		Oct. 27	36,347	6,5
	Dec. 66	7,391	17,90		Dec. 66	36,435	6,0
1754	Jan. 0	15 32 10,364	+ 7 13 5,67	1764	Jan. 1	15 32 39,350	+ 7 10 54,5
	Apr. 10	10,276	6,27		Apr. 10	39,439	53,
	Jul. 19	10,186	6,81		Jul. 19	39,527	53,
	Oct. 27	10,095	7,30		Oct. 27	39,614	53,
	Dec. 66	10,002	7,73		Dec. 66	39,701	52,
1755	Jan. 0	15 32 12,978	+ 7 12 55,57	1765	Jan. 0	15 32 42,618	+ 7 10 40,
	Apr. 10	12,885	55,96		Apr. 10	42,703	40,
	Jul. 19	12,793	56,29		Jul. 19	42,786	40,
	Oct. 27	12,703	56,55		Oct. 27	42,866	40,
	Dec. 66	12,615	56,74		Dec. 66	42,943	40,
1756	Jan. 1	15 32 15,589	+ 7 12 44,66	1766	Jan. 0	15 32 45,863	+ 7 10 28,
	Apr. 10	15,502	44,81		Apr. 10	45,937	28,
	Jul. 19	15,420	44,88		Jul. 19	46,006	28,
	Oct. 27	15,342	44,88		Oct. 27	46,070	28
	Dec. 66	15,269	44,80		Dec. 66	46,128	28
1757	Jan. 0	15 32 18,238	+ 7 12 32,82	1767	Jan. 0	15 32 49,054	+ 7 10 16
	Apr. 10	18,168	32,70		Apr. 10	49,109	17
	Jul. 19	18,105	32,51		Jul. 19	49,156	17
	Oct. 27	18,048	32,25		Oct. 27	49,196	17
	Dec. 66	17,998	31,92		Dec. 66	49,229	18
1758	Jan. 0	15 32 20,959	+ 7 12 20,03	1768	Jan. 1	15 32 52,164	+ 7 10 6
	Apr. 10	20,914	19,66		Apr. 10	52,193	6
	Jul. 19	20,877	19,23		Jul. 19	52,213	7
	Oct. 27	20,848	18,75		Oct. 27	52,225	7
	Dec. 66	20,828	18,21		Dec. 66	52,229	8
1759	Jan. 0	15 32 23,779	+ 7 12 6,39	1769	Jan. 0	15 32 55,174	+ 7 9 56
	Apr. 10	23,764	5,82		Apr. 10	55,172	56
	Jul. 19	23,757	5,21		Jul. 19	55,162	57
	Oct. 27	23,758	4,56		Oct. 27	55,144	58
	Dec. 66	23,768	3,87		Dec. 66	55,118	59

Tabulae X. Sect. I. *α Serpentis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	′	″	″	″				h ′ ″	° ′ ″
n. 0	−0,921	+27,0	− 2,87	−21,6	−2	+1	1750	15 31 58,2371	+ 7 13 48,730
10	−0,638	+29,2	− 4,99	−20,6	−2	+2	1751	32 1,1815	13 36,697
20	−0,337	+30,6	− 6,98	−18,9	−3	+2	1752	32 4,1260	13 24,667
30	−0,027	+31,0	− 8,77	−16,5	−3	+2	1753	32 7,0706	13 12,642
ebr. 9	+0,283	+30,7	−10,28	−13,7	−3	+2	1754	32 10,0152	13 0,619
							1755	32 12,9600	12 48,600
19	+0,586	+29,7	−11,48	−10,3	−3	+2	1756	32 15,9048	12 36,584
art. 1	+0,876	+28,2	−12,33	− 6,7	−3	+1	1757	32 18,8496	12 24,572
11	+1,149	+26,3	−12,81	− 3,0	−2	+1	1758	32 21,7945	12 12,563
21	+1,401	+24,0	−12,93	+ 0,6	−2	+1	1759	32 24,7394	12 0,558
31	+1,629	+21,6	−12,70	+ 3,9	−2	+1	1760	32 27,6843	11 48,556
							1761	32 30,6294	11 36,558
pr. 10	+1,832	+19,0	−12,16	+ 6,7	−1	+1	1762	32 33,5745	11 24,563
20	+2,009	+16,3	−11,36	+ 9,1	−1	+1	1763	32 36,5197	11 12,572
30	+2,158	+13,6	−10,35	+11,0	0	+1	1764	32 39,4650	11 0,584
aj. 10	+2,280	+10,8	− 9,17	+12,3	0	+1	1765	32 42,4103	10 48,600
20	+2,374	+ 7,9	− 7,90	+12,9	+1	+1	1766	32 45,3557	10 36,619
							1767	32 48,3012	10 24,642
30	+2,438	+ 5,0	− 6,59	+13,2	+1	+1	1768	32 51,2467	10 12,668
n. 9	+2,473	+ 2,0	− 5,27	+12,9	+1	+1	1769	32 54,1923	10 0,698
19	+2,478	− 1,0	− 4,01	+12,2	+2	+1	1770	32 57,1379	9 48,731
29	+2,453	− 3,9	− 2,83	+11,3	+2	+1			
l. 9	+2,400	− 6,7	− 1,76	+10,0	+2	+1			
19	+2,319	− 9,4	− 0,83	+ 8,5	+3	+1			
29	+2,213	−11,6	− 0,07	+ 6,8	+3	+1			
ig. 8	+2,087	−13,5	+ 0,53	+ 5,1	+3	+1			
18	+1,944	−14,8	+ 0,94	+ 3,0	+3	+1			
28	+1,792	−15,4	+ 1,15	+ 1,0	+3	+1			
pt. 7	+1,637	−15,3	+ 1,15	− 1,1	+3	+2			
17	+1,487	−14,3	+ 0,94	− 3,3	+3	+2			
27	+1,352	−12,3	+ 0,49	− 5,7	+3	+2			
ct. 7	+1,241	− 9,6	− 0,19	− 8,0	+2	+2			
17	+1,161	− 6,1	− 1,11	−10,5	+2	+3			
27	+1,120	− 1,9	− 2,28	−12,9	+1	+3			
ov. 6	+1,124	+ 2,8	− 3,69	−15,3	+1	+3			
16	+1,176	+ 7,7	− 5,33	−17,5	+1	+4			
26	+1,278	+12,7	− 7,18	−19,3	0	+4			
ec. 6	+1,429	+17,4	− 9,19	−20,7	0	+4			
16	+1,625	+21,6	−11,32	−21,6	−1	+5			
26	+1,860	+25,2	−13,50	−21,8	−1	+5			
36	+2,128	+28,0	−15,67	−21,3	−2	+5			

Diei reducto addendum est:

ante / post } Nov. 17 { + 1 / + 2

In mens. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Scorpii.*

1750	Jan. 0	16 14 8,506	—25 51 10,16	1760	Jan. 1	16 14 42,617	—25 52 32,91
	Apr. 10	8,535	9,47		Apr. 10	42,619	33,68
	Jul. 19	8,554	8,75		Jul. 19	42,632	34,46
	Oct. 27	8,563	8,00		Oct. 27	42,654	35,24
	Dec. 66	8,563	7,23		Dec. 66	42,686	36,01
1751	Jan. 0	16 14 12,214	—25 51 16,48	1761	Jan. 0	16 14 46,326	—25 52 44,69
	Apr. 10	12,205	15,70		Apr. 10	46,365	45,49
	Jul. 19	12,186	14,91		Jul. 19	46,413	46,26
	Oct. 27	12,157	14,12		Oct. 27	46,470	47,01
	Dec. 66	12,117	13,32		Dec. 66	46,535	47,73
1752	Jan. 1	16 14 15,782	—25 51 22,56	1762	Jan. 0	16 14 50,164	—25 52 56,42
	Apr. 10	15,736	21,77		Apr. 10	50,235	57,13
	Jul. 19	15,680	21,01		Jul. 19	50,312	57,80
	Oct. 27	15,615	20,26		Oct. 27	50,396	58,43
	Dec. 66	15,541	19,54		Dec. 66	50,487	59,02
1753	Jan. 0	16 14 19,217	—25 51 28,75	1763	Jan. 0	16 14 54,108	—25 53 7,76
	Apr. 10	19,137	28,05		Apr. 10	54,203	8,32
	Jul. 19	19,051	27,39		Jul. 19	54,301	8,82
	Oct. 27	18,958	26,78		Oct. 27	54,403	9,26
	Dec. 66	18,858	26,21		Dec. 66	54,508	9,64
1754	Jan. 0	16 14 22,543	—25 51 35,36	1764	Jan. 1	16 14 58,125	—25 53 18,46
	Apr. 10	22,439	34,83		Apr. 10	58,233	18,81
	Jul. 19	22,332	34,37		Jul. 19	58,342	19,10
	Oct. 27	22,221	33,96		Oct. 27	58,452	19,32
	Dec. 66	22,107	33,62		Dec. 66	58,563	19,47
1755	Jan. 0	16 14 25,796	—25 51 42,69	1765	Jan. 0	16 15 2,178	—25 53 28,34
	Apr. 10	25,681	42,39		Apr. 10	2,288	28,45
	Jul. 19	25,566	42,17		Jul. 19	2,396	28,49
	Oct. 27	25,451	42,02		Oct. 27	2,502	28,45
	Dec. 66	25,336	41,95		Dec. 66	2,605	28,35
1756	Jan. 1	16 14 29,025	—25 51 50,93	1766	Jan. 0	16 15 6,223	—25 53 37,31
	Apr. 10	28,912	50,91		Apr. 10	6,324	37,16
	Jul. 19	28,803	50,96		Jul. 19	6,419	36,94
	Oct. 27	28,697	51,08		Oct. 27	6,509	36,63
	Dec. 66	28,596	51,29		Dec. 66	6,594	36,30
1757	Jan. 0	16 14 32,280	—25 52 0,17	1767	Jan. 0	16 15 10,219	—25 53 45,34
	Apr. 10	32,182	0,42		Apr. 10	10,300	44,94
	Jul. 19	32,092	0,74		Jul. 19	10,372	44,43
	Oct. 27	32,009	1,12		Oct. 27	10,437	43,93
	Dec. 66	31,933	1,57		Dec. 66	10,494	43,43
1758	Jan. 0	16 14 35,609	—25 52 10,37	1768	Jan. 1	16 15 14,128	—25 53 52,55
	Apr. 10	35,538	10,86		Apr. 10	14,179	51,99
	Jul. 19	35,477	11,40		Jul. 19	14,221	51,29
	Oct. 27	35,425	12,00		Oct. 27	14,252	50,66
	Dec. 66	35,383	12,65		Dec. 66	14,274	49,85
1759	Jan. 0	16 14 39,047	—25 52 21,36	1769	Jan. 0	16 15 17,921	—25 53 59,03
	Apr. 10	39,011	22,04		Apr. 10	17,936	58,39
	Jul. 19	38,986	22,74		Jul. 19	17,940	57,5
	Oct. 27	38,970	23,47		Oct. 27	17,934	56,7
	Dec. 66	38,965	24,23		Dec. 66	17,918	55,9

Tabulae X. Sect. I. *α Scorpii.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
n. 0	−1,180	+27,9	+ 4,27	− 5,0	−3	−1	1750	16 14 7,3354	−25 51 5,722
10	−0,886	+30,6	+ 3,69	− 6,6	−3	−1	1751	14 10,9853	51 14,708
20	−0,568	+32,6	+ 2,95	− 7,9	−3	0	1752	14 14,6354	51 23,688
30	−0,234	+33,7	+ 2,11	− 8,8	−4	0	1753	14 18,2857	51 32,664
br. 9	+0,106	+34,0	+ 1,20	− 9,3	−4	+1	1754	14 21,9361	51 41,634
							1755	14 25,5867	51 50,600
19	+0,446	+33,7	+ 0,25	− 9,5	−4	+1	1756	14 29,2374	51 59,561
rt. 1	+0,779	+32,8	− 0,70	− 9,4	−3	+2	1757	14 32,8883	52 8,517
11	+1,101	+31,4	− 1,62	− 9,0	−3	+2	1758	14 36,5393	52 17,469
21	+1,407	+29,7	− 2,49	− 8,4	−3	+3	1759	14 40,1905	52 26,415
31	+1,695	+27,8	− 3,29	− 7,7	−2	+3	1760	14 43,8419	52 35,357
							1761	14 47,4934	52 44,294
v. 10	+1,962	+25,6	− 4,02	− 7,0	−2	+3	1762	14 51,1451	52 53,226
20	+2 206	+23,2	− 4,68	− 6,3	−1	+4	1763	14 54,7969	53 2,153
30	+2,426	+20,6	− 5,23	− 5,7	−1	+4	1764	14 58,4489	53 11,075
Vj. 10	+2,617	+17,7	− 5,82	− 5,2	0	+4	1765	15 2,1011	53 19,993
20	+2,779	+14,6	− 6,31	− 4,7	+1	+4	1766	15 5,7534	53 28,905
							1767	15 9,4059	53 37,813
30	+2,909	+11,3	− 6,76	− 4,3	+1	+4	1768	15 13,0585	53 46,716
d. 9	+3,005	+ 7,8	− 7,16	− 3,8	+2	+4	1769	15 16,7113	53 55,614
19	+3,065	+ 4,1	− 7,52	− 3,4	+2	+4	1770	15 20,3641	54 4,507
29	+3 037	+ 0,3	− 7,83	− 2,9	+3	+4			
ri 9	+3,071	− 3,5	− 8,09	− 2,2	+4	+4			
19	+3,018	− 7,1	− 8,27	− 1,4	+4	+4			
29	+2,929	−10,5	− 8,37	− 0,6	+4	+3			
Ar. 8	+2,809	−13,3	− 8,38	+ 0,5	+4	+3			
18	+2,663	−15,6	− 8,28	+ 1,5	+5	+3			
28	+2,498	−17,0	− 8,08	+ 2,6	+5	+2			
Sct. 7	+2,323	−17,5	− 7,76	+ 3,7	+5	+2			
17	+2,148	−17,0	− 7,35	+ 4,6	+4	+2			
27	+1,983	−15,5	− 6,85	+ 5,2	+4	+2			
Oc 7	+1,838	−12,9	− 6,31	+ 5,6	+4	+1			
17	+1,725	− 9,3	− 5,74	+ 5,6	+3	+1			
27	+1,652	− 4,9	− 5,19	+ 5,2	+3	+1			
No. 6	+1,628	+ 0,2	− 4,70	+ 4,4	+2	+1			
16	+1,656	+ 5,6	− 4,31	+ 3,2	+2	+2			
26	+1,740	+11,1	− 4,06	+ 1,7	+1	+2			
De 6	+1,878	+16,4	− 3,98	− 0,2	0	+2			
16	+2,068	+21,3	− 4,09	− 2,1	0	+3			
26	+2,304	+25,5	− 4,39	− 3,9	−1	+3			
36	+2,578	+29,0	− 4,87	− 5,6	−1	+4			

Diei reducto addendum est:

ante } Nov. 27 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Herculis.*

1750	Jan. 0	17 3 16,495	+14 41 39,63	1760	Jan. 1	17 3 41,966	+14 40 55,2
	Apr. 10	16,505	40,40		Apr. 10	41,980	54,4
	Jul. 19	16,507	41,19		Jul. 19	42,001	53,6
	Oct. 27	16,501	41,99		Oct. 27	42,029	52,8
	Dec. 66	16,488	42,81		Dec. 66	42,065	52,0
1751	Jan. 0	17 3 19,221	+14 41 37,65	1761	Jan. 0	17 3 44,781	+14 40 47,4
	Apr. 10	19,202	38,47		Apr. 10	44,821	46,7
	Jul. 19	19,176	39,29		Jul. 19	44,867	45,9
	Oct. 27	19,143	40,09		Oct. 27	44,919	45,2
	Dec. 66	19,102	40,89		Dec. 66	44,977	44,5
1752	Jan. 1	17 3 21,844	+14 41 35,74	1762	Jan. 0	17 3 47,686	+14 40 39,9
	Apr. 10	21,799	36,53		Apr. 10	47,747	39,2
	Jul. 19	21,747	37,27		Jul. 19	47,813	38,6
	Oct. 27	21,689	37,98		Oct. 27	47,883	38,0
	Dec. 66	21,624	38,66		Dec. 66	47,957	37,5
1753	Jan. 0	17 3 24,374	+14 41 33,56	1763	Jan. 0	17 3 50,660	+14 40 32,9
	Apr. 10	24,307	34,21		Apr. 10	50,736	32,4
	Jul. 19	24,235	34,80		Jul. 19	50,814	32,0
	Oct. 27	24,159	35,33		Oct. 27	50,894	31,6
	Dec. 66	24,079	35,81		Dec. 66	50,975	31,3
1754	Jan. 0	17 3 26,834	+14 41 30,79	1764	Jan. 1	17 3 53,676	+14 40 26,6
	Apr. 10	26,752	31,22		Apr. 10	53,758	26,3
	Jul. 19	26,668	31,59		Jul. 19	53,840	26,1
	Oct. 27	26,583	31,88		Oct. 27	53,922	26,
	Dec. 66	26,497	32,10		Dec. 66	54,003	26,
1755	Jan. 0	17 3 29,254	+14 41 27,17	1765	Jan. 0	17 3 56,704	+14 40 21,
	Apr. 10	29,167	27,34		Apr. 10	56,784	21,
	Jul. 19	29,082	27,43		Jul. 19	56,861	21,
	Oct. 27	28,998	27,44		Oct. 27	56,935	21,
	Dec. 66	28,916	27,37		Dec. 66	57,007	21,
1756	Jan. 1	17 3 31,671	+14 41 22,54	1766	Jan. 0	17 3 59,712	+14 40 16,
	Apr. 10	31,591	22,42		Apr. 10	59,781	17,
	Jul. 19	31,514	22,23		Jul. 19	59,845	17.
	Oct. 27	31,442	21,97		Oct. 27	59,904	17.
	Dec. 66	31,373	21,63		Dec. 66	59,959	18.
1757	Jan. 0	17 3 34,123	+14 41 16,89	1767	Jan. 0	17 4 2,670	+14 40 13.
	Apr. 10	34,058	16,50		Apr. 10	2,721	13.
	Jul. 19	33,999	16,05		Jul. 19	2,765	14.
	Oct. 27	33,945	15,54		Oct. 27	2,803	15
	Dec. 66	33,900	14,96		Dec. 66	2,834	15
1758	Jan. 0	17 3 36,643	+14 41 10,31	1768	Jan. 1	17 4 5,553	+14 40 10
	Apr. 10	36,601	9,70		Apr. 10	5,580	11
	Jul. 19	36,566	9,04		Jul. 19	5,599	12
	Oct. 27	36,539	8,35		Oct. 27	5,611	12
	Dec. 66	36,519	7,61		Dec. 66	5,615	13
1759	Jan. 0	17 3 39,253	+14 41 3,01	1769	Jan. 0	17 4 8,343	+14 40 8
	Apr. 10	39,238	2,25		Apr. 10	8,341	9
	Jul. 19	39,232	1,48		Jul. 19	8,332	10
	Oct. 27	39,232	0,68		Oct. 27	8,316	11
	Dec. 66	39,241	40 59,87		Dec. 66	8,292	11

Tabulae X. Sect. I. *α Herculis.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
n. 0	−1,258	+19,5	− 2,89	−23,6	−1	+1	1750	17 3 15,5936	+14 41 42,874
10	−1,045	+22,8	− 5,21	−22,7	−1	+1	1751	3 18,3215	41 37,991
20	−0,802	+25,5	− 7,42	−21,0	−2	+1	1752	3 21,0494	41 33,112
30	−0,535	+27,6	− 9,40	−18,4	−2	+1	1753	3 23,7773	41 28,237
br. 9	−0,251	+28,9	−11,10	−15,3	−2	+1	1754	3 26,5053	41 23,366
							1755	3 29,2333	41 18,500
19	+0,042	+29,5	−12,45	−11,5	−3	+1	1756	3 31,9614	41 13,637
rt. 1	+0,338	+29,5	−13,39	− 7,3	−3	+1	1757	3 34,6894	41 8,778
11	+0,632	+29,1	−13,90	− 2,9	−3	+1	1758	3 37,4176	41 3,923
21	+0,919	+28,2	−13,97	+ 1,5	−2	+1	1759	3 40,1457	40 59,072
31	+1,196	+27,0	−13,61	+ 5,7	−2	+1	1760	3 42,8739	40 54,223
							1761	3 45,6021	40 49,379
r. 10	+1,458	+25,3	−12,84	+ 9,5	−2	+1	1762	3 48,3304	40 44,539
20	+1,702	+23,4	−11,72	+12,7	−2	+1	1763	3 51,0587	40 39,703
30	+1,925	+21,1	−10,30	+15,4	−1	+1	1764	3 53,7870	40 34,871
j. 10	+2,124	+18,6	− 8,64	+17,5	−1	+1	1765	3 56,5154	40 30,043
20	+2,296	+15,8	− 6,80	+18,9	−1	+1	1766	3 59,2438	40 25,219
							1767	4 1,9723	40 20,399
30	+2,439	+12,7	− 4,87	+19,5	0	+1	1768	4 4,7008	40 15,582
l. 9	+2,549	+ 9,2	− 2,91	+19,5	0	+1	1769	4 7,4293	40 10,769
19	+2,623	+ 5,7	− 0,97	+19,0	+1	+1	1770	4 10,1579	40 5,960
29	+2,662	+ 2,0	+ 0,88	+17,9	+1	+1			
l. 9	+2,663	− 1,8	+ 2,61	+16,4	+1	+1			
19	+2,626	− 5,5	+ 4,16	+14,5	+2	+1			
29	+2,554	− 8,9	+ 5,50	+12,3	+2	+1			
g. 8	+2,448	−12,1	+ 6,62	+ 9,9	+2	+1			
18	+2,312	−14,7	+ 7,48	+ 7,3	+2	+2			
28	+2,154	−16,7	+ 8,08	+ 4,7	+3	+2			
pt. 7	+1,978	−18,0	+ 8,41	+ 1,8	+3	+2			
17	+1,795	−18,3	+ 8,44	− 1,1	+3	+2			
27	+1,613	−17,7	+ 8,19	− 4,1	+3	+2			
ct. 7	+1,442	−16,1	+ 7,63	− 7,1	+3	+3			
17	+1,291	−13,7	+ 6,78	−10,0	+2	+3			
27	+1,169	−10,4	+ 5,64	−12,9	+2	+3			
ov. 6	+1,084	− 6,3	+ 4,21	−15,7	+2	+4			
16	+1,043	− 1,8	+ 2,51	−18,2	+1	+4			
26	+1,049	+ 3,1	+ 0,57	−20,4	+1	+4			
Dc. 6	+1,104	+ 7,9	− 1,57	−22,1	+1	+4			
16	+1,207	+12,6	− 3,85	−23,2	0	+4			
26	+1,356	+16,0	− 6,21	−23,7	0	+5			
36	+1,546	+20,8	− 8,58	−23,4	−1	+5			

Diei reducto addendum est:

ante } Dec. 8 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Ophiuchi.*

1750	Jan. 0	17 23 21,546	+12 45 41,46	1760	Jan. 1	17 23 47,458	+12 45 10,8
	Apr. 10	21,557	42,25		Apr. 10	47,470	9,9
	Jul. 19	21,561	43,06		Jul. 19	47,490	9,1
	Oct. 27	21,557	43,87		Oct. 27	47,517	8,3
	Dec. 66	21,545	44,70		Dec. 66	47,552	7,5
1751	Jan. 0	17 23 24,324	+12 45 41,02	1761	Jan. 0	17 23 50,315	+12 45 4,4
	Apr. 10	24,307	41,85		Apr. 10	50,354	3,7
	Jul. 19	24,282	42,66		Jul. 19	50,400	2,9
	Oct. 27	24,249	43,46		Oct. 27	50,451	2,2
	Dec. 66	24,209	44,25		Dec. 66	50,509	1,6
1752	Jan. 1	17 23 26,998	+12 45 40,59	1762	Jan. 0	17 23 53,264	+12 44 58,5
	Apr. 10	26,953	41,35		Apr. 10	53,325	57,8
	Jul. 19	26,901	42,08		Jul. 19	53,391	57,2
	Oct. 27	26,844	42,77		Oct. 27	53,461	56,7
	Dec. 66	26,780	43,42		Dec. 66	53,536	56,2
1753	Jan. 0	17 23 29,577	+12 45 39,81	1763	Jan. 0	17 23 56,285	+12 44 53,6
	Apr. 10	29,509	40,43		Apr. 10	56,362	52,9
	Jul. 19	29,437	40,98		Jul. 19	56,440	52,3
	Oct. 27	29,361	41,48		Oct. 27	56,521	51,8
	Dec. 66	29,280	41,91		Dec. 66	56,603	51,4
1754	Jan. 0	17 23 32,082	+12 45 38,39	1764	Jan. 1	17 23 59,351	+12 44 48,1
	Apr. 10	31,999	38,78		Apr. 10	59,434	48,0
	Jul. 19	31,915	39,09		Jul. 19	59,517	48,0
	Oct. 27	31,829	39,33		Oct. 27	59,600	48,1
	Dec. 66	31,741	39,50		Dec. 66	59,682	48,3
1755	Jan. 0	17 23 34,545	+12 45 36,06	1765	Jan. 0	17 24 2,430	+12 44 44,7
	Apr. 10	34,457	36,18		Apr. 10	2,511	44,7
	Jul. 19	34,371	36,21		Jul. 19	2,590	44,8
	Oct. 27	34,285	36,17		Oct. 27	2,666	45,0
	Dec. 66	34,201	36,05		Dec. 66	2,739	45,3
1756	Jan. 1	17 23 37,004	+12 45 32,72	1766	Jan. 0	17 24 5,490	+12 44 42,0
	Apr. 10	36,921	32,55		Apr. 10	5,561	42,2
	Jul. 19	36,843	32,30		Jul. 19	5,627	42,5
	Oct. 27	36,768	31,98		Oct. 27	5,688	43,0
	Dec. 66	36,698	31,58		Dec. 66	5,745	43,5
1757	Jan. 0	17 23 39,496	+12 45 28,34	1767	Jan. 0	17 24 8,502	+12 44 40,0
	Apr. 10	39,428	27,90		Apr. 10	8,555	40,4
	Jul. 19	39,367	27,40		Jul. 19	8,601	41,0
	Oct. 27	39,312	26,85		Oct. 27	8,641	42,0
	Dec. 66	39,264	26,23		Dec. 66	8,674	42,9
1758	Jan. 0	17 23 42,054	+12 45 23,07	1768	Jan. 1	17 24 11,439	+12 44 39,0
	Apr. 10	42,010	22,42		Apr. 10	11,467	39,9
	Jul. 19	41,974	21,73		Jul. 19	11,488	40,8
	Oct. 27	41,945	21,00		Oct. 27	11,501	41,7
	Dec. 66	41,923	20,23		Dec. 66	11,507	42,6
1759	Jan. 0	17 23 44,704	+12 45 17,12	1769	Jan. 0	17 24 14,281	+12 44 38,4
	Apr. 10	44,688	16,34		Apr. 10	14,281	39,3
	Jul. 19	44,679	15,54		Jul. 19	14,274	40,2
	Oct. 27	44,679	14,73		Oct. 27	14,259	41,1
	Dec. 66	44,686	13,90		Dec. 66	14,236	41,9

Tabulae X. Sect. I. *α Ophiuchi.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
n. 0	−1,288	+17,7	− 2,25	−22,4	−1	+1	1750	17 23 20,6339	+12 45 44,172
10	−1,093	+21,2	− 4,47	−21,8	−1	+1	1751	23 23,4084	45 40,770
20	−0,865	+24,1	− 6,60	−20,3	−2	+1	1752	23 26,1829	45 37,371
30	−0,612	+26,3	− 8,53	−18,1	−2	+1	1753	23 28,9575	45 33,977
br. 9	−0,340	+27,9	−10,21	−15,2	−2	+1	1754	23 31,7321	45 30,586
							1755	23 34,5067	45 27,200
19	−0,055	+28,8	−11,56	−11,6	−2	+1	1756	23 37,2814	45 23,817
rt. 1	+0,236	+29,2	−12,53	− 7,6	−3	+1	1757	23 40,0561	45 20,439
11	+0,528	+29,1	−13,08	− 3,5	−3	+1	1758	23 42,8308	45 17,064
21	+0,817	+28,5	−13,22	+ 0,8	−2	+1	1759	23 45,6056	45 13,694
. 31	+1,098	+27,6	−12,93	+ 4,9	−2	+1	1760	23 48,3804	45 10,327
							1761	23 51,1552	45 6,965
r. 10	+1,368	+26,3	−12,25	+ 8,6	−2	+1	1762	23 53,9301	45 3,606
20	+1,624	+24,7	−11,21	+11,9	−2	+1	1763	23 56,7050	45 0,252
30	+1,861	+22,7	− 9,87	+14,7	−2	+1	1764	23 59,4799	44 56,901
j. 10	+2,077	+20,3	− 8,28	+16,8	−1	+1	1765	24 2,2550	44 53,555
20	+2,267	+17,6	− 6,52	+18,2	−1	+1	1766	24 5,0300	44 50,213
							1767	24 7,8051	44 46,874
30	+2,429	+14,6	− 4,64	+19,0	0	+1	1768	24 10,5802	44 43,540
J. 9	+2,559	+11,3	− 2,72	+19,2	0	+1	1769	24 13,3553	44 40,209
19	+2,654	+ 7,7	− 0,81	+18,7	0	+1	1770	24 16,1304	44 36,883
29	+2,713	+ 4,0	+ 1,02	+17,8	+1	+1			
J. 9	+2,733	+ 0,1	+ 2,74	+16,4	+1	+1			
19	+2,714	− 3,8	+ 4,30	+14,7	+2	+1			
29	+2,657	− 7,5	+ 5,67	+12,7	+2	+2			
Ag. 8	+2,565	−10,8	+ 6,83	+10,4	+2	+2			
18	+2,441	−13,7	+ 7,75	+ 8,0	+2	+2			
28	+2,291	−16,0	+ 8,42	+ 5,4	+3	+2			
St. 7	+2,121	−17,6	+ 8,82	+ 2,7	+3	+2			
17	+1,940	−18,2	+ 8,96	0,0	+3	+3			
27	+1,757	−17,9	+ 8,82	− 2,9	+3	+3			
O. 7	+1,582	−16,7	+ 8,39	− 5,7	+3	+3			
17	+1,423	−14,5	+ 7,68	− 8,5	+2	+3			
27	+1,292	−11,4	+ 6,69	−11,3	+2	+4			
N. 6	+1,195	− 7,7	+ 5,42	−14,0	+2	+4			
16	+1,139	− 3,3	+ 3,89	−16,5	+2	+4			
26	+1,129	+ 1,4	+ 2,12	−18,7	+1	+4			
O. 6	+1,167	+ 6,2	+ 0,15	−20,5	+1	+5			
16	+1,252	+10,8	− 1,98	−21,8	0	+5			
26	+1,383	+15,4	− 4,21	−22,4	0	+5			
36	+1,556	+19,1	− 6,46	−22,3	−1	+5			

Diei reducto addendum est:

ante } Dec. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Lyrae.*

1750	Jan. 0	18h 28′ 29″,279	+38° 33′ 56″,71	1760	Jan. 1	18h 28′ 48″,243	+38° 34′ 2,90
	Apr. 10	29,294	57,53		Apr. 10	48,245	2,09
	Jul. 19	29,304	58,35		Jul. 19	48,253	2,8
	Oct. 27	29,308	59,17		Oct. 27	48,266	2,56
	Dec. 66	29,306	59,98		Dec. 66	48,285	2,84
1751	Jan. 0	18 28 31,336	+38 34 2,47	1761	Jan. 0	18 28 50,307	+38 34 2,80
	Apr. 10	31,330	3,27		Apr. 10	50,330	2,16
	Jul. 19	31,318	4,04		Jul. 19	50,357	2,51
	Oct. 27	31,301	4,78		Oct. 27	50,389	2,91
	Dec. 66	31,278	5,49		Dec. 66	50,426	2,30
1752	Jan. 1	18 28 33,315	+38 34 8,02	1762	Jan. 0	18 28 52,442	+38 34 2,3
	Apr. 10	33,288	8,70		Apr. 10	52,482	1,80
	Jul. 19	33,257	9,33		Jul. 19	52,525	1,3
	Oct. 27	33,220	9,91		Oct. 27	52,572	1,90
	Dec. 66	33,179	10,43		Dec. 66	52,623	1,6
1753	Jan. 0	18 28 35,222	+38 34 13,03	1763	Jan. 0	18 28 54,634	+38 34 1,5
	Apr. 10	35,177	13,51		Apr. 10	54,687	1,2
	Jul. 19	35,129	13,92		Jul. 19	54,742	1,0
	Oct. 27	35,077	14,26		Oct. 27	54,799	1,89
	Dec. 66	35,021	14,54		Dec. 66	54,858	1,8
1754	Jan. 0	18 28 37,069	+38 34 17,22	1764	Jan. 1	18 28 56,867	+38 34 1,64
	Apr. 10	37,011	17,45		Apr. 10	56,927	1,6
	Jul. 19	36,952	17,59		Jul. 19	56,987	1,6
	Oct. 27	36,890	17,66		Oct. 27	57,047	1,8
	Dec. 66	36,827	17,65		Dec. 66	57,108	1,9
1755	Jan. 0	18 28 38,877	+38 34 20,43	1765	Jan. 0	18 28 59,117	+38 34 1,7
	Apr. 10	38,813	20,36		Apr. 10	59,177	1,9
	Jul. 19	38,750	20,22		Jul. 19	59,236	1,2
	Oct. 27	38,687	20,00		Oct. 27	59,294	1,6
	Dec. 66	38,624	19,71		Dec. 66	59,351	1,1
1756	Jan. 1	18 28 40,674	+38 34 22,59	1766	Jan. 0	18 29 1,361	+38 34 1,7
	Apr. 10	40,611	22,25		Apr. 10	1,417	1,2
	Jul. 19	40,551	21,84		Jul. 19	1,469	1,7
	Oct. 27	40,494	21,36		Oct. 27	1,518	1,3
	Dec. 66	40,439	20,82		Dec. 66	1,564	1,00
1757	Jan. 0	18 28 42,486	+38 34 23,78	1767	Jan. 0	18 29 3,578	+38 34 1,59
	Apr. 10	42,433	23,20		Apr. 10	3,622	1,2
	Jul. 19	42,383	22,57		Jul. 19	3,661	1,9
	Oct. 27	42,338	21,89		Oct. 27	3,696	1,7
	Dec. 66	42,297	21,17		Dec. 66	3,726	1,5
1758	Jan. 0	18 28 44,339	+38 34 24,20	1768	Jan. 1	18 29 5,745	+38 34 1,04
	Apr. 10	44,301	23,45		Apr. 10	5,772	1,8
	Jul. 19	44,269	22,68		Jul. 19	5,794	1,6
	Oct. 27	44,242	21,89		Oct. 27	5,811	1,46
	Dec. 66	44,220	21,07		Dec. 66	5,822	1,2
1759	Jan. 0	18 28 46,254	+38 34 24,13	1769	Jan. 0	18 29 7,848	+38 34 1,8
	Apr. 10	46,236	23,30		Apr. 10	7,855	1,0
	Jul. 19	46,223	22,48		Jul. 19	7,856	1,4
	Oct. 27	46,216	21,66		Oct. 27	7,852	1,2
	Dec. 66	46,214	20,84		Dec. 66	7,842	1,0

Tabulae X. Sect. I. *α Lyrae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
n. 0	−1,700	+ 9,1	− 0,98	−31,2	0	+2	1750	18 28 28,6301	+38 33 57,574
10	−1,584	+14,0	− 4,10	−30,8	−1	+2	1751	28 30,6589	34 0,334
20	−1,420	+18,6	− 7,13	−29,3	−1	+2	1752	28 32,6877	34 3,096
30	−1,212	+22,6	− 9,96	−26,8	−1	+2	1753	28 34,7165	34 5,861
br. 9	−0,968	+26,0	−12,49	−23,2	−2	+2	1754	28 36,7452	34 8,630
							1755	28 38,7740	34 11,400
19	−0,692	+28,8	−14,60	−18,7	−2	+2	1756	28 40,8028	34 14,175
art. 1	−0,392	+30,9	−16,22	−13,5	−2	+1	1757	28 42,8317	34 16,952
11	−0,074	+32,4	−17,29	− 7,8	−2	+1	1758	28 44,8606	34 19,732
21	+0,256	+33,2	−17,78	− 1,9	−2	+1	1759	28 46,8895	34 22,514
31	+0,589	+33,3	−17,67	+ 4,1	−2	0	1760	28 48,9184	34 25,300
							1761	28 50,9473	34 28,089
r. 10	+0,921	+32,8	−16,97	+ 9,8	−2	0	1762	28 52,9762	34 30,881
20	+1,244	+31,5	−15,72	+15,0	−2	0	1763	28 55,0051	34 33,676
30	+1,551	+29,6	−13,98	+19,6	−2	0	1764	28 57,0341	34 36,473
aj. 10	+1,836	+27,2	−11,81	+23,5	−2	0	1765	28 59,0631	34 39,273
20	+2,094	+24,1	− 9,29	+26,6	−1	0	1766	29 1,0921	34 42,076
							1767	29 3,1211	34 44,882
30	+2,317	+20,4	− 6,50	+28,7	−1	0	1768	29 5,1501	34 47,691
n. 9	+2,502	+16,4	− 3,55	+30,0	0	0	1769	29 7,1791	34 50,503
19	+2,644	+11,9	− 0,51	+30,4	0	0	1770	29 9,2082	34 53,318
29	+2,739	+ 7,0	+ 2,53	+30,1	0	0			
J. 9	+2,784	+ 2,1	+ 5,50	+28,9	+1	0			
19	+2,780	− 3,0	+ 8,31	+27,0	+1	0			
29	+2,725	− 7,9	+10,90	+24,6	+1	0			
Ag. 8	+2,623	−12,5	+13,22	+22,0	+2	+1			
18	+2,476	−16,6	+15,23	+18,3	+2	+1			
28	+2,291	−20,1	+16,87	+14,5	+2	+1			
t. 7	+2,074	−22,9	+18,12	+10,4	+2	+1			
17	+1,834	−24,7	+18,95	+ 6,1	+2	+2			
27	+1,580	−25,6	+19,34	+ 1,6	+2	+2			
. 7	+1,323	−25,4	+19,27	− 3,0	+2	+3			
17	+1,073	−24,1	+18,74	− 7,6	+2	+3			
27	+0,841	−21,8	+17,76	−12,1	+2	+3			
v. 6	+0,637	−18,6	+16,33	−16,5	+2	+4			
16	+0,470	−14,6	+14,47	−20,6	+2	+4			
26	+0,346	− 9,9	+12,22	−24,2	+1	+4			
D. 6	+0,272	− 4,8	+ 9,64	−27,2	+1	+5			
16	+0,250	+ 0,5	+ 6,79	−29,4	+1	+5			
26	+0,282	+ 5,8	+ 3,76	−30,8	0	+5			
36	+0,367	+11,0	+ 0,63	−31,2	0	+5			

Diei reducto addendum est:

ante } Dec. 27 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *γ Aquilae.*

1750	Jan. 0	19 34 23,156	+ 10 1 24,21	1760	Jan. 1	19 34 49,830	+ 10 2 40,35
	Apr. 10	23,174	25,00		Apr. 10	49,837	39,63
	Jul. 19	23,183	25,77		Jul. 19	49,852	38,95
	Oct. 27	23,185	26,52		Oct. 27	49,875	38,31
	Dec. 66	23,178	27,24		Dec. 66	49,905	37,71
1751	Jan. 0	19 34 26,037	+ 10 1 35,03	1761	Jan. 0	19 34 52,749	+ 10 2 45,96
	Apr. 10	26,025	35,74		Apr. 10	52,784	45,40
	Jul. 19	26,005	36,40		Jul. 19	52,826	44,89
	Oct. 27	25,977	37,02		Oct. 27	52,875	44,44
	Dec. 66	25,941	37,60		Dec. 66	52,930	44,04
1752	Jan. 1	19 34 28,810	+ 10 1 45,44	1762	Jan. 0	19 34 55,766	+ 10 2 52,23
	Apr. 10	28,768	45,98		Apr. 10	55,825	51,88
	Jul. 19	28,720	46,46		Jul. 19	55,889	51,59
	Oct. 27	28,665	46,87		Oct. 27	55,958	51,37
	Dec. 66	28,604	47,23		Dec. 66	56,032	51,22
1753	Jan. 0	19 34 31,481	+ 10 1 55,15	1763	Jan. 0	19 34 58,862	+ 10 2 59,33
	Apr. 10	31,415	55,46		Apr. 10	58,939	59,23
	Jul. 19	31,344	55,69		Jul. 19	59,017	59,19
	Oct. 27	31,268	55,85		Oct. 27	59,099	59,23
	Dec. 66	31,188	55,94		Dec. 66	59,183	59,34
1754	Jan. 0	19 34 34,071	+ 10 2 3,96	1764	Jan. 1	19 35 2,010	+ 10 3 7,37
	Apr. 10	33,988	3,99		Apr. 10	2,095	7,52
	Jul. 19	33,903	3,95		Jul. 19	2,180	7,74
	Oct. 27	33,816	3,84		Oct. 27	2,265	8,03
	Dec. 66	33,726	3,65		Dec. 66	2,351	8,38
1755	Jan. 0	19 34 36,611	+ 10 2 11,76	1765	Jan. 0	19 35 5,178	+ 10 3 16,34
	Apr. 10	36,521	11,52		Apr. 10	5,262	16,73
	Jul. 19	36,431	11,21		Jul. 19	5,346	17,18
	Oct. 27	36,342	10,83		Oct. 27	5,227	17,68
	Dec. 66	36,254	10,38		Dec. 66	5,505	18,23
1756	Jan. 1	19 34 39,139	+ 10 2 18,58	1766	Jan. 0	19 35 8,334	+ 10 3 26,14
	Apr. 10	39,052	18,09		Apr. 10	8,410	26,74
	Jul. 19	38,969	17,55		Jul. 19	8,482	27,37
	Oct. 27	38,889	16,96		Oct. 27	8,549	28,04
	Dec. 66	38,813	16,31		Dec. 66	8,611	28,7
1757	Jan. 0	19 34 41,694	+ 10 2 24,58	1767	Jan. 0	19 35 11,446	+ 10 3 36,6
	Apr. 10	41,621	23,90		Apr. 10	11,505	37,3
	Jul. 19	41,554	23,19		Jul. 19	11,558	38,0
	Oct. 27	41,493	22,45		Oct. 27	11,604	38,8
	Dec. 66	41,438	21,68		Dec. 66	11,643	39,6
1758	Jan. 0	19 34 44,311	+ 10 2 29,99	1768	Jan. 1	19 35 14,486	+ 10 3 47,4
	Apr. 10	44,261	29,20		Apr. 10	14,521	48,2
	Jul. 19	44,218	28,41		Jul. 19	14,548	49,0
	Oct. 27	44,182	27,61		Oct. 27	14,568	49,8
	Dec. 66	44,154	26,81		Dec. 66	14,580	50,6
1759	Jan. 0	19 34 47,018	+ 10 2 35,14	1769	Jan. 0	19 35 17,432	+ 10 3 58,4
	Apr. 10	46,995	34,34		Apr. 10	17,439	59,3
	Jul. 19	46,981	33,56		Jul. 19	17,437	59,9
	Oct. 27	46,974	32,80		Oct. 27	17,427	4 0,6
	Dec. 66	46,976	32,05		Dec. 66	17,409	1,3

Tabulae X. Sect. I. *γ Aquilae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
0	—1″,296	+ 5,3	+ 0″,06	—17,2	+1	+1	1750	19 34 22″,2292	+10 1 23″,138
10	—1,223	+ 9,1	— 1,68	—17,4	0	+1	1751	34 25,0847	1 31,163
20	—1,115	+12,5	— 3,41	—16,9	0	+1	1752	34 27,9402	1 39,192
30	—0,974	+15,7	— 5,05	—15,7	—1	+1	1753	34 30,7957	1 47,225
r. 9	—0,801	+18,6	— 6,55	—13,8	—1	+1	1754	34 33,6512	1 55,260
							1755	34 36,5067	2 3,300
19	—0,602	+21,2	— 7,81	—11,2	—2	+1	1756	34 39,3622	2 11,344
t. 1	—0,377	+23,4	— 8,79	— 8,1	—2	+1	1757	34 42,2177	2 19,392
11	—0,135	+25,2	— 9,43	— 4,6	—2	+1	1758	34 45,0732	2 27,443
21	+0,126	+26,9	— 9,70	— 0,8	—2	+1	1759	34 47,9286	2 35,498
31	+0,402	+28,1	— 9,58	+ 3,2	—3	0	1760	34 50,7840	2 43,557
							1761	34 53,6395	2 51,620
10	+0,788	+28,9	— 9,07	+ 7,0	—3	0	1762	34 56,4949	2 59,686
20	+0,980	+29,3	— 8,19	+10,5	—3	0	1763	34 59,3503	3 7,756
30	+1,273	+29,1	— 6,97	+13,7	—3	0	1764	35 2,2056	3 15,830
10	+1,561	+28,4	— 5,46	+16,3	—2	0	1765	35 5,0610	3 23,903
20	+1,840	+27,1	— 3,71	+18,4	—2	0	1766	35 7,9164	3 31,990
							1767	35 10,7718	3 40,075
30	+2,102	+25,1	— 1,78	+19,9	—2	+1	1768	35 13,6272	3 48,164
9	+2,342	+22,6	+ 0,26	+20,7	—1	+1	1769	35 16,4827	3 56,257
19	+2,554	+19,6	+ 2,36	+21,0	—1	+1	1770	35 19,3381	4 4,353
29	+2,733	+16,0	+ 4,45	+20,7	—1	+1			
9	+2,873	+11,9	+ 6,49	+19,8	0	+1			
19	+2,971	+ 7,7	+ 8,41	+18,5	0	+1			
29	+3,026	+ 3,3	+10,19	+16,9	0	+2			
. 8	+3,036	— 1,2	+11,79	+14,9	+1	+2			
18	+3,002	— 5,4	+13,17	+12,8	+1	+2			
28	+2,929	— 9,2	+14,34	+10,5	+2	+2			
. 7	+2,819	—12,4	+15,26	+ 8,0	+2	+3			
17	+2,681	—14,9	+15 94	+ 5,6	+2	+3			
27	+2,521	—16,6	+16,37	+ 3,0	+2	+3			
7	+2,349	—17,4	+16,54	+ 0,4	+3	+3			
17	+2,174	—17,2	+16,45	— 2,2	+3	+4			
27	+2,005	—16,2	+16,11	— 4,7	+3	+4			
. 6	+1,851	—14,3	+15,51	— 7,3	+2	+4			
16	+1,720	—11,6	+14,66	— 9,7	+2	+4			
26	+1,619	— 8,4	+13,58	—11,9	+2	+4			
6	+1,553	— 4,8	+12,29	—13,9	+2	+5			
16	+1,524	— 1,0	+10,81	—15,5	+1	+5			
26	+1,534	+ 2,9	+ 9,19	—16,7	+1	+5			
36	+1,582	+ 6,8	+ 7,47	—17,4	0	+5			

Diei reducto addendum est:

ante } Jan. 11 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Aquilae.*

		h ′ ″	° ′ ″
1750	Jan. 0	19 38 35,893	+ 8 13 41,18
	Apr. 10	35,910	41,96
	Jul. 19	35,919	42,73
	Oct. 27	35,920	43,47
	Dec. 66	35,913	44,19
1751	Jan. 0	19 38 38,846	+ 8 13 52,69
	Apr. 10	38,833	53,39
	Jul. 19	38,813	54,04
	Oct. 27	38,784	54,65
	Dec. 66	38,747	55,22
1752	Jan. 1	19 38 41,689	+ 8 14 3,78
	Apr. 10	41,647	4,31
	Jul. 19	41,598	4,77
	Oct. 27	41,542	5,18
	Dec. 66	41,479	5,52
1753	Jan. 0	19 38 44,431	+ 8 14 14,16
	Apr. 10	44,363	14,46
	Jul. 19	44,291	14,68
	Oct. 27	44,214	14,83
	Dec. 66	44,133	14,90
1754	Jan. 0	19 38 47,090	+ 8 14 23,63
	Apr. 10	47,006	23,65
	Jul. 19	46,919	23,60
	Oct. 27	46,830	23,47
	Dec. 66	46,739	23,27
1755	Jan. 0	19 38 49,699	+ 8 14 32,10
	Apr. 10	49,607	31,85
	Jul. 19	49,516	31,53
	Oct. 27	49,426	31,14
	Dec. 66	49,337	30,68
1756	Jan. 1	19 38 52,296	+ 8 14 39,60
	Apr. 10	52,208	39,10
	Jul. 19	52,124	38,55
	Oct. 27	52,044	37,95
	Dec. 66	51,967	37,29
1757	Jan. 0	19 38 54,922	+ 8 14 46,28
	Apr. 10	54,849	45,60
	Jul. 19	54,781	44,90
	Oct. 27	54,720	44,15
	Dec. 66	54,665	43,37
1758	Jan. 0	19 38 57,612	+ 8 14 52,39
	Apr. 10	57,561	51,60
	Jul. 19	57,518	50,81
	Oct. 27	57,483	50,02
	Dec. 66	57,455	49,22
1759	Jan. 0	19 39 0,393	+ 8 14 58,25
	Apr. 10	0,370	57,46
	Jul. 19	0,356	56,68
	Oct. 27	0,350	55,92
	Dec. 66	0,352	55,19
1760	Jan. 1	h ′ ″ 19 39 3,280	° ′ ″ + 8 15 4,20
	Apr. 10	3,289	3,4
	Jul. 19	3,304	2,8
	Oct. 27	3,328	2,1
	Dec. 66	3,359	1,5
1761	Jan. 0	19 39 6,277	+ 8 15 10,5
	Apr. 10	6,313	9,9
	Jul. 19	6,356	9,4
	Oct. 27	6,406	9,0
	Dec. 66	6,462	8,6
1762	Jan. 0	19 39 9,372	+ 8 15 17,5
	Apr. 10	9,433	17,2
	Jul. 19	9,498	16,9
	Oct. 27	9,568	16,7
	Dec. 66	9,643	16,6
1763	Jan. 0	19 39 12,547	+ 8 15 25,4
	Apr. 10	12,625	25,2
	Jul. 19	12,705	25,3
	Oct. 27	12,788	25,3
	Dec. 66	12,873	25,4
1764	Jan. 1	19 39 15,773	+ 8 15 34,3
	Apr. 10	15,860	34,3
	Jul. 19	15,947	34,4
	Oct. 27	16,033	34,5
	Dec. 66	16,120	35,1
1765	Jan. 0	19 39 19,020	+ 8 15 43,5
	Apr. 10	19,106	44,
	Jul. 19	19,190	44,
	Oct. 27	19,272	45,
	Dec. 66	19,351	45,
1766	Jan. 0	19 39 22,254	+ 8 15 54,
	Apr. 10	22,331	55,
	Jul. 19	22,403	55,
	Oct. 27	22,471	56,
	Dec. 66	22,534	57,
1767	Jan. 0	19 39 25,443	+ 8 16 5,
	Apr. 10	25,502	6.
	Jul. 19	25,555	7.
	Oct. 27	25,601	7.
	Dec. 66	25,640	8.
1768	Jan. 1	19 39 28,557	+ 8 16 17.
	Apr. 10	28,592	18.
	Jul. 19	28,619	18
	Oct. 27	28,638	19
	Dec. 66	28,649	20
1769	Jan. 0	19 39 31,576	+ 8 16 28
	Apr. 10	31,582	29
	Jul. 19	31,579	30
	Oct. 27	31,569	31
	Dec. 66	31,550	31

Tabulae X. Sect. I. *α Aquilae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	—1,282	+ 5,2	— 0,05	—16,0	+1	+1	1750	19 38 34,9518	+ 8 13 39,989
10	—1,212	+ 8,9	— 1,67	—16,2	0	+1	1751	38 37,8815	13 48,724
20	—1,105	+12,3	— 3,28	—15,7	0	+1	1752	38 40,8111	13 57,463
30	—0,966	+15,5	— 4,81	—14,6	—1	+1	1753	38 43,7408	14 6,205
9	—0,796	+18,4	— 6,20	—12,8	—1	+1	1754	38 46,6704	14 14,951
							1755	38 49,6000	14 23,700
19	—0,599	+20,9	— 7,36	—10,3	—2	+1	1756	38 52,5296	14 32,454
1	—0,378	+23,2	— 8,25	— 7,3	—2	+1	1757	38 55,4592	14 41,212
11	—0,136	+25,1	— 8,82	— 3,9	—2	+1	1758	38 58,3888	14 49,974
21	+0,124	+26,8	— 9,03	— 0,3	—3	0	1759	39 1,3182	14 58,739
31	+0,399	+28,1	— 8,87	+ 3,5	—3	0	1760	39 4,2477	15 7,508
							1761	39 7,1772	15 16,281
10	+0,685	+28,9	— 8,33	+ 7,2	—3	0	1762	39 10,1067	15 25,058
20	+0,977	+29,3	— 7,44	+10,5	—3	0	1763	39 13,0362	15 33,839
30	+1,271	+29,3	— 6,23	+13,5	—3	0	1764	39 15,9657	15 42,623
10	+1,562	+28,6	— 4,74	+16,1	—2	0	1765	39 18,8952	15 51,412
20	+1,843	+27,4	— 3,01	+18,1	—2	0	1766	39 21,8246	16 0,204
							1767	39 24,7540	16 9,000
30	+2,109	+25,6	— 1,12	+19,4	—2	+1	1768	39 27,6834	16 17,800
9	+2,354	+23,1	+ 0,87	+20,2	—2	+1	1769	39 30,6128	16 26,604
19	+2,571	+20,1	+ 2,91	+20,4	—1	+1	1770	39 33,5422	16 35,412
29	+2,755	+16,5	+ 4,94	+20,0	—1	+1			
9	+2,901	+12,6	+ 6,91	+19,2	0	+1			
19	+3,006	+ 8,3	+ 8,77	+17,8	0	+2			
29	+3,066	+ 3,9	+10,47	+16,2	0	+2			
8	+3,083	— 0,6	+12,01	+14,3	+1	+2			
18	+3,055	— 4,8	+13,33	+12,2	+1	+2			
28	+2,988	— 8,6	+14,45	+10,0	+2	+3			
7	+2,884	—11,9	+15,33	+ 7,6	+2	+3			
17	+2,751	—14,5	+15,97	+ 5,3	+2	+3			
27	+2,595	—16,2	+16,38	+ 2,9	+2	+3			
7	+2,427	—17,0	+16,54	+ 0,4	+3	+4			
17	+2,255	—16,9	+16,46	— 2,0	+3	+4			
27	+2,089	—15,9	+16,15	— 4,4	+3	+4			
6	+1,938	—14,1	+15,59	— 6,7	+3	+4			
16	+1,808	—11,5	+14,81	— 9,0	+2	+4			
26	+1,708	— 8,3	+13,80	—11,1	+2	+4			
6	+1,642	— 4,8	+12,60	—12,9	+2	+5			
16	+1,613	— 1,0	+11,22	—14,5	+1	+5			
26	+1,622	+ 2,8	+ 9,71	—15,6	+1	+5			
36	+1,669	+ 6,6	+ 8,11	—16,2	0	+5			

Diei reducto addendum est:

ante / post } Jan. 12 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Aquilae.*

		h	′	″		°	′	″
1750	Jan. 0	19	43	2,685	+	5	48	7,03
	Apr. 10			2,702				7,81
	Jul. 19			2,710				8,56
	Oct. 27			2,710				9,30
	Dec. 66			2,701				10,01
1751	Jan. 0	19	43	5,656	+	5	48	18,01
	Apr. 10			5,642				18,70
	Jul. 19			5,620				19,34
	Oct. 27			5,590				19,94
	Dec. 66			5,551				20,50
1752	Jan. 1	19	43	8,516	+	5	48	28,55
	Apr. 10			8,472				29,07
	Jul. 19			8,421				29,53
	Oct. 27			8,364				29,92
	Dec. 66			8,299				30,25
1753	Jan. 0	19	43	11,272	+	5	48	38,39
	Apr. 10			11,203				38,67
	Jul. 19			11,129				38,88
	Oct. 27			11,050				39,02
	Dec. 66			10,967				39,08
1754	Jan. 0	19	43	13,946	+	5	48	47,31
	Apr. 10			13,860				47,32
	Jul. 19			13,772				47,26
	Oct. 27			13,681				47,12
	Dec. 66			13,588				46,91
1755	Jan. 0	19	43	16,570	+	5	48	55,23
	Apr. 10			16,477				54,97
	Jul. 19			16,385				54,64
	Oct. 27			16,293				54,24
	Dec. 66			16,202				53,78
1756	Jan. 1	19	43	19,184	+	5	49	2,19
	Apr. 10			19,095				1,69
	Jul. 19			19,009				1,13
	Oct. 27			18,928				0,52
	Dec. 66			18,850			48	59,86
1757	Jan. 0	19	43	21,827	+	5	49	8,34
	Apr. 10			21,753				7,65
	Jul. 19			21,685				6,94
	Oct. 27			21,623				6,19
	Dec. 66			21,567				5,42
1758	Jan. 0	19	43	24,536	+	5	49	13,94
	Apr. 10			24,485				13,15
	Jul. 19			24,442				12,36
	Oct. 27			24,407				11,57
	Dec. 66			24,380				10,77
1759	Jan. 0	19	43	27,339	+	5	49	19,30
	Apr. 10			27,317				18,51
	Jul. 19			27,304				17,74
	Oct. 27			27,299				16,99
	Dec. 66			27,302				16,26

		h	′	″		°	′	″
1760	Jan. 1	19	43	30,251	+	5	49	24,
	Apr. 10			30,260				24,
	Jul. 19			30,277				23.
	Oct. 27			30,302				22,
	Dec. 66			30,335				22,
1761	Jan. 0	19	43	33,274	+	5	49	30,
	Apr. 10			33,312				30,
	Jul. 19			33,356				29,
	Oct. 27			33,409				29,
	Dec. 66			33,468				28,
1762	Jan. 0	19	43	36,397	+	5	49	37.
	Apr. 10			36,459				36.
	Jul. 19			36,526				36.
	Oct. 27			36,598				36.
	Dec. 66			36,675				36.
1763	Jan. 0	19	43	39,600	+	5	49	44
	Apr. 10			39,679				44
	Jul. 19			39,761				44
	Oct. 27			39,846				44
	Dec. 66			39,933				44
1764	Jan. 1	19	43	42,854	+	5	49	52
	Apr. 10			42,943				53
	Jul. 19			43,031				53
	Oct. 27			43,119				53
	Dec. 66			43,207				54
1765	Jan. 0	19	43	46,129	+	5	50	2
	Apr. 10			46,216				2
	Jul. 19			46,301				3
	Oct. 27			46,384				3
	Dec. 66			46,464				4
1766	Jan. 0	19	43	49,389	+	5	50	1
	Apr. 10			49,466				1
	Jul. 19			49,539				1
	Oct. 27			49,607				1
	Dec. 66			49,671				1
1767	Jan. 0	19	43	52,601	+	5	50	2
	Apr. 10			52,661				2
	Jul. 19			52,714				2
	Oct. 27			52,760				2
	Dec. 66			52,799				2
1768	Jan. 1	19	43	55,738	+	5	50	3
	Apr. 10			55,772				3
	Jul. 19			55,799				3
	Oct. 27			55,817				3
	Dec. 66			55,828				3.
1769	Jan. 0	99	43	58,776	+	5	50	4
	Apr. 10			58,781				4
	Jul. 19			58,778				4
	Oct. 27			58,766				4
	Dec. 66			58,746				4

Tabulae X. Sect. I. *β Aquilae.*

	1760		1760		Var. 10 annor.	
	″		″			
. 0	−1,268	+ 4,9	− 0,25	−14,8	+1	+1
10	−1,200	+ 8,6	− 1,75	−15,0	0	+1
20	−1,097	+12,0	− 3,24	−14,5	0	+1
30	−0,961	+15,1	− 4,65	−13,4	−1	+1
pr. 9	−0,795	+18,0	− 5,92	−11,7	−1	+1
19	−0,602	+20,5	− 6,98	− 9,4	−2	+1
ct. 1	−0,385	+22,8	− 7,79	− 6,6	−2	+1
11	−0,146	+24,8	− 8,29	− 3,3	−2	+1
21	+0,111	+26,5	− 8,45	+ 0,2	−3	0
31	+0,383	+27,8	− 8,26	+ 3,7	−3	0
. 10	+0,666	+28,7	− 7,72	+ 7,1	−3	0
20	+0,957	+29,3	− 6,85	+10,3	−3	0
30	+1,251	+29,3	− 5,67	+13,1	−3	0
n. 10	+1,542	+28,7	− 4,24	+15,4	−2	0
20	+1,825	+27,6	− 2,59	+17,3	−2	0
30	+2,093	+25,8	− 0,79	+18,5	−2	+1
u. 9	+2,341	+23,5	+ 1,10	+19,1	−2	+1
19	+2,562	+20,5	+ 3,02	+19,2	−1	+1
29	+2,750	+17,0	+ 4,93	+18,7	−1	+1
ul 9	+2,901	+13,1	+ 6,76	+17,8	−1	+1
19	+3,011	+ 8,8	+ 8,48	+16,5	0	+2
29	+3,077	+ 4,4	+10,06	+14,9	0	+2
g. 8	+3,098	− 0,2	+11,45	+13,0	+1	+2
18	+3,076	− 4,4	+12,66	+11,0	+1	+2
28	+3,013	− 8,2	+13,65	+ 8,8	+1	+3
Sept. 7	+2,913	−11,5	+14,42	+ 6,7	+2	+3
17	+2,784	−14,1	+14,98	+ 4,5	+2	+3
27	+2,632	−15,9	+15,31	+ 2,2	+2	+3
Oct. 7	+2,466	−16,8	+15,42	0,0	+2	+3
17	+2,297	−16,7	+15,31	− 2,2	+3	+4
27	+2,132	−15,8	+14,98	− 4,4	+3	+4
Nov. 6	+1,981	−14,1	+14,44	− 6,5	+3	+4
16	+1,851	−11,5	+13,69	− 8,5	+2	+4
26	+1,751	− 8,4	+12,74	−10,4	+2	+4
Dec. 6	+1,683	− 5,0	+11,62	−12,0	+2	+4
16	+1,652	− 1,2	+10,34	−13,4	+1	+4
26	+1,659	+ 2,6	+ 8,94	−14,4	+1	+4
36	+1,704	+ 6,3	+ 7,46	−15,0	0	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	19 43 1,7240	+ 5 48 5,704
1751	43 4,6752	48 13,956
1752	43 7,6264	48 22,172
1753	43 10,5776	48 30,411
1754	43 13,5288	48 38,654
1755	43 16,4800	48 46,900
1756	43 19,4312	48 55,150
1757	43 22,3824	49 3,404
1758	43 25,3335	49 11,662
1759	43 28,2846	49 19,923
1760	43 31,2357	49 28,188
1761	43 34,1868	49 36,457
1762	43 37,1379	49 44,729
1763	43 40,0890	49 53,005
1764	43 43,0400	50 1,285
1765	43 45,9910	50 9,568
1766	43 48,9420	50 17,855
1767	43 51,8930	50 26,146
1768	43 54,8439	50 34,441
1769	43 57,7948	50 42,739
1770	44 0,7459	50 51,041

Diei reducto addendum est:

ante } Jan. 13 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 1 *a Capricorni.*

1750	Jan. 0	20 3 47,392	—13 15 34,31	1760	Jan. 1	20 4 18,564	—13 13 57,2
	Apr. 10	47,402	33,56		Apr. 10	18,584	57,3
	Jul. 19	47,402	32,83		Jul. 19	18,612	58,0
	Oct. 27	47,393	32,13		Oct. 27	18,649	58,7
	Dec. 66	47,374	31,46		Dec. 66	18,695	59,0
1751	Jan. 0	20 3 50,720	—13 15 21,38	1761	Jan. 0	20 4 22,017	—13 13 43,0
	Apr. 10	50,695	20,74		Apr. 10	22,068	43,3
	Jul. 19	50,661	20,14		Jul. 19	22,127	43,8
	Oct. 27	50,617	19,59		Oct. 27	22,192	50,9
	Dec. 66	50,565	19,09		Dec. 66	22,265	50,0
1752	Jan. 1	20 3 53,923	—13 15 8,95	1762	Jan. 0	20 4 25,579	—13 13 46,5
	Apr. 10	53,865	8,49		Apr. 10	25,656	46,3
	Jul. 19	53,800	8,10		Jul. 19	25,737	46,8
	Oct. 27	53,727	7,76		Oct. 27	25,824	47,7
	Dec. 66	53,647	7,49		Dec. 66	25,916	44,4
1753	Jan. 0	20 3 57,013	—13 14 57,27	1763	Jan. 0	20 4 29,223	—13 13 33,3
	Apr. 10	56,929	57,04		Apr. 10	29,317	33,9
	Jul. 19	56,840	56,89		Jul. 19	29,413	34,4
	Oct. 27	56,746	56,82		Oct. 27	29,511	33,8
	Dec. 66	56,647	56,82		Dec. 66	29,611	35,5
1754	Jan. 0	20 4 0,019	—13 14 46,50	1764	Jan. 1	20 4 32,916	—13 13 17,7
	Apr. 10	3 59,918	46,55		Apr. 10	33,017	14,4
	Jul. 19	59,815	46,67		Jul. 19	33,117	15,5
	Oct. 27	59,711	46,87		Oct. 27	33,216	10,0
	Dec. 66	59,605	47,13		Dec. 66	33,315	19,9
1755	Jan. 0	20 4 2,979	—13 14 36,72	1765	Jan. 0	20 4 36,620	—13 13 8,3
	Apr. 10	2,873	37,04		Apr. 10	36,717	3,3
	Jul. 19	2,769	37,42		Jul. 19	36,811	2,8
	Oct. 27	2,667	37,86		Oct. 27	36,901	7,7
	Dec. 66	2,567	38,36		Dec. 66	36,987	7,7
1756	Jan. 1	20 4 5,939	—13 14 27,87	1766	Jan. 0	20 4 40,296	—13 12 52,2
	Apr. 10	5,841	28,41		Apr. 10	40,380	59,9
	Jul. 19	5,748	29,00		Jul. 19	40,457	52,2
	Oct. 27	5,661	29,63		Oct. 27	40,528	53,8
	Dec. 66	5,579	30,31		Dec. 66	40,593	50,0
1757	Jan. 0	20 4 8,944	—13 14 19,76	1767	Jan. 0	20 4 43,910	—13 12 49,9
	Apr. 10	8,866	20,47		Apr. 10	43,970	44,4
	Jul. 19	8,795	21,19		Jul. 19	44,022	49,9
	Oct. 27	8,732	21,94		Oct. 27	44,066	48,8
	Dec. 66	8,677	22,71		Dec. 66	44,102	45,5
1758	Jan. 0	20 4 12,033	—13 14 12,13	1768	Jan. 1	20 4 47,429	—13 12 35,5
	Apr. 10	11,984	12,91		Apr. 10	47,459	27,7
	Jul. 19	11,944	13,69		Jul. 19	47,480	21,1
	Oct. 27	11,913	14,47		Oct. 27	47,492	26,6
	Dec. 66	11,891	15,24		Dec. 66	47,494	23,3
1759	Jan. 0	20 4 15,236	—13 14 4,66	1769	Jan. 0	20 4 50,832	—13 12 10,0
	Apr. 10	15,220	5,42		Apr. 10	50,828	18,8
	Jul. 19	15,214	6,16		Jul. 19	50,815	10,0
	Oct. 27	15,218	6,88		Oct. 27	50,792	15,5
	Dec. 66	15,231	7,58		Dec. 66	50,760	14,4

Tabulae X. Sect. I. 1*α* *Capricorni.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
ı. 0	—1,258	+ 4,4	— 2,53	— 3,5	+1	—1	1750	20 3 46,2851	—13 15 36,221
10	—1,196	+ 8,0	— 2,86	— 3,1	+1	—1	1751	3 49,6242	15 25,925
20	—1,099	+11,4	— 3,15	— 2,5	0	—1	1752	3 52,9632	15 15,625
30	—0,969	+14,6	— 3,36	— 1,6	0	—1	1753	3 56,3022	15 5,321
br. 9	—0,808	+17,5	— 3,47	— 0,5	—1	—1	1754	3 59,6412	14 55,013
							1755	4 2,9800	14 44,700
19	—0,620	+20,1	— 3,46	+ 0,9	—1	—1	1756	4 6,3187	14 34,385
rt. 1	—0,406	+22,6	— 3,29	+ 2,6	—2	—1	1757	4 9,6573	14 24,065
11	—0,169	+24,7	— 2,95	+ 4,3	—2	—1	1758	4 12,9959	14 13,740
21	+0,088	+26,6	— 2,43	+ 6,1	—3	0	1759	4 16,3344	14 3,411
31	+0,363	+28,3	— 1,73	+ 7,9	—3	0	1760	4 19,6727	13 53,078
							1761	4 23,0110	13 42,741
r. 10	+0,653	+29,5	— 0,86	+ 9,5	—3	0	1762	4 26,3492	13 32,400
20	+0,953	+30,4	+ 0,17	+10,9	—3	0	1763	4 29,6874	13 22,055
30	+1,261	+30,9	+ 1,31	+11,9	—3	+1	1764	4 33,0255	13 11,706
j. 10	+1,570	+30,7	+ 2,54	+12,6	—3	+1	1765	4 36,3635	13 1,353
20	+1,874	+29,9	+ 3,82	+12,8	—3	+1	1766	4 39,7014	12 50,996
							1767	4 43,0392	12 40,634
30	+2,168	+28,5	+ 5,09	+12,6	—3	+2	1768	4 46,3770	12 30,268
ı. 9	+2,444	+26,5	+ 6,33	+12,0	—3	+2	1769	4 49,7147	12 19,898
19	+2,697	+23,7	+ 7,48	+11,0	—2	+2	1770	4 53,0523	12 9,524
29	+2,918	+20,3	+ 8,52	+ 9,7	—2	+3			
9	+3,103	+16,5	+ 9,42	+ 8,3	—1	+3			
19	+3,247	+12,2	+10,17	+ 6,6	—1	+3			
29	+3,346	+ 7,6	+10,74	+ 4,9	—1	+4			
g. 8	+3,398	+ 3,0	+11,15	+ 3,3	0	+4			
18	+3,405	— 1,6	+11,40	+ 1,8	0	+4			
28	+3,367	— 5,8	+11,51	+ 0,5	+1	+4			
pt. 7	+3,289	— 9,6	+11,49	— 0,8	+1	+4			
17	+3,176	—12,6	+11,36	— 1,7	+2	+4			
27	+3,038	—14,8	+11,15	— 2,4	+2	+4			
ct. 7	+2,881	—16,1	+10,88	— 2,9	+2	+4			
17	+2,717	—16,3	+10,57	— 3,3	+3	+4			
27	+2,555	—15,7	+10,23	— 3,5	+3	+4			
v. 6	+2,404	—14,2	+ 9,88	— 3,6	+3	+4			
16	+2,272	—11,8	+ 9,51	— 3,7	+2	+4			
26	+2,168	— 8,8	+ 9,14	— 3,7	+2	+4			
c. 6	+2,096	— 5,5	+ 8,77	— 3,8	+2	+4			
16	+2,059	— 1,8	+ 8,39	— 3,8	+1	+4			
26	+2,060	+ 2,0	+ 8,02	— 3,6	+1	+4			
36	+2,099	+ 5,7	+ 7,67	— 3,4	0	+3			

Diei reducto addendum est:

ante / post } Jan. 18 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 2α *Capricorni.*

1750	Jan. 0	20 4 10,883	—13 17 54,13	1760	Jan. 1	20 4 42,100	—13 16 16,5
	Apr. 10	10,893	53,38		Apr. 10	42,120	17,2
	Jul. 19	10,893	52,66		Jul. 19	42,148	17,8
	Oct. 27	10,884	51,96		Oct. 27	42,185	18,4
	Dec. 66	10,865	51,29		Dec. 66	42,231	18,9
1751	Jan. 0	20 4 14,216	—13 17 41,19	1761	Jan. 0	20 4 45,558	—13 16 8,4
	Apr. 10	14,190	40,54		Apr. 10	45,609	8,9
	Jul. 19	14,156	39,94		Jul. 19	45,668	9,5
	Oct. 27	14,113	39,39		Oct. 27	45,733	9,7
	Dec. 66	14,061	38,89		Dec. 66	45,806	10,0
1752	Jan. 1	20 4 17,423	—13 17 28,73	1762	Jan. 0	20 4 49,124	—13 15 59,5
	Apr. 10	17,365	28,27		Apr. 10	49,201	59,5
	Jul. 19	17,299	27,87		Jul. 19	49,283	16 0,0
	Oct. 27	17,226	27,54		Oct. 27	49,370	0,1
	Dec. 66	17,146	27,27		Dec. 66	49,461	0,5
1753	Jan. 0	20 4 20,517	—13 17 17,02	1763	Jan. 0	20 4 52,773	—13 15 49,5
	Apr. 10	20,433	16,80		Apr. 10	52,867	49,5
	Jul. 19	20,344	16,65		Jul. 19	52,963	49,5
	Oct. 27	20,250	16,58		Oct. 27	53,061	49,7
	Dec. 66	20,151	16,58		Dec. 66	53,162	49,5
1754	Jan. 0	20 4 23,528	—13 17 6,23	1764	Jan. 1	20 4 56,470	—13 15 39,5
	Apr. 10	23,426	6,28		Apr. 10	56,571	38,9
	Jul. 19	23,323	6,40		Jul. 19	56,671	38,6
	Oct. 27	23,219	6,60		Oct. 27	56,770	38,3
	Dec. 66	23,113	6,87		Dec. 66	56,869	37,9
1755	Jan. 0	20 4 26,492	—13 16 56,43	1765	Jan. 0	20 5 0,179	—13 15 27,6
	Apr. 10	26,386	56,75		Apr. 10	0,276	27,2
	Jul. 19	26,282	57,13		Jul. 19	0,370	26,7
	Oct. 27	26,180	57,57		Oct. 27	0,460	26,3
	Dec. 66	26,080	58,07		Dec. 66	0,546	25,8
1756	Jan. 1	20 4 29,456	—13 16 47,55	1766	Jan. 0	20 5 3,860	—13 15 15,4
	Apr. 10	29,358	48,09		Apr. 10	3,944	14,7
	Jul. 19	29,266	48,68		Jul. 19	4,021	14,1
	Oct. 27	29,178	49,32		Oct. 27	4,092	13,4
	Dec. 66	29,096	50,00		Dec. 66	4,157	12,6
1757	Jan. 0	20 4 32,466	—13 16 39,42	1767	Jan. 0	20 5 7,478	—13 15 2,8
	Apr. 10	32,388	40,12		Apr. 10	7,538	1,8
	Jul. 19	32,317	40,85		Jul. 19	7,591	1,0
	Oct. 27	32,253	41,60		Oct. 27	7,635	0,3
	Dec. 66	32,197	42,37		Dec. 66	7,671	14 59,8
1758	Jan. 0	20 4 35,560	—13 16 31,76	1768	Jan. 1	20 5 11,002	—13 14 49,5
	Apr. 10	35,511	32,54		Apr. 10	11,032	48,6
	Jul. 19	35,471	33,32		Jul. 19	11,053	47,8
	Oct. 27	35,441	34,10		Oct. 27	11,065	47,0
	Dec. 66	35,418	34,87		Dec. 66	11,067	46,3
1759	Jan. 0	20 4 38,767	—13 16 24,25	1769	Jan. 0	20 5 14,410	—13 14 36,2
	Apr. 10	38,752	25,02		Apr. 10	14,406	35,5
	Jul. 19	38,746	25,76		Jul. 19	14,392	34,8
	Oct. 27	38,750	26,48		Oct. 27	14,369	34,1
	Dec. 66	38,763	27,17		Dec. 66	14,337	33,5

Tabulae X. Sect. I. 2α *Capricorni.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	—1,257	+ 4,3	— 2,54	— 3,4	+1	—1	1750	20 4 9,7756	—13 17 56,058
10	—1,196	+ 7,9	— 2,87	— 3,2	+1	—1	1751	4 13,1193	17 45,735
20	—1,099	+11,4	— 3,15	— 2,5	0	—1	1752	4 16,4629	17 35,407
30	—0,969	+14,6	— 3,36	— 1,6	0	—1	1753	4 19,8064	17 25,075
r. 9	—0,808	+17,5	— 3,47	— 0,5	—1	—1	1754	4 23,1498	17 14,739
							1755	4 26,4933	17 4,400
19	—0,620	+20,1	— 3,45	+ 1,0	—1	—1	1756	4 29,8365	16 54,055
t. 1	—0,407	+22,5	— 3,28	+ 2,6	—2	—1	1757	4 33,1797	16 43,707
11	—0,170	+24,7	— 2,94	+ 4,4	—2	—1	1758	4 36,5228	16 33,355
21	+0,087	+26,6	— 2,41	+ 6,2	—3	0	1759	4 39,8658	16 22,999
31	+0,362	+28,3	— 1,71	+ 7,9	—3	0	1760	4 43,2088	16 12,638
							1761	4 46,5517	16 2,274
10	+0,652	+29,5	— 0,83	+ 9,5	—3	0	1762	4 49,8945	15 51,905
20	+0,952	+30,4	+ 0,19	+10,9	—3	0	1763	4 53,2372	15 41,532
30	+1,260	+30,9	+ 1,34	+11,9	—3	0	1764	4 56,5798	15 31,155
.10	+1,569	+30,7	+ 2,57	+12,5	—3	+1	1765	4 59,9224	15 20,774
20	+1,874	+30,0	+ 3,84	+12,8	—3	+1	1766	5 3,2649	15 10,389
							1767	5 6,6073	15 0,000
30	+2,168	+28,6	+ 5,12	+12,6	—3	+2	1768	5 9,9496	14 49,607
9	+2,445	+26,5	+ 6,35	+12,0	—3	+2	1769	5 13,2918	14 39,210
19	+2,698	+23,7	+ 7,51	+11,0	—2	+2	1770	5 16,6339	14 28,808
29	+2,919	+20,4	+ 8,55	+ 9,7	—2	+3			
9	+3,105	+16,5	+ 9,45	+ 8,2	—2	+3			
19	+3,249	+12,2	+10,19	+ 6,6	—1	+3			
29	+3,349	+ 7,7	+10,77	+ 5,0	—1	+4			
8	+3,402	+ 3,0	+11,18	+ 3,3	0	+4			
18	+3,408	— 1,6	+11,43	+ 1,8	0	+4			
28	+3,371	— 5,8	+11,53	+ 0,4	+1	+4			
7	+3,293	— 9,5	+11,50	— 0,8	+1	+4			
17	+3,181	—12,5	+11,37	— 1,7	+2	+4			
27	+3,043	—14,7	+11,16	— 2,4	+2	+4			
7	+2,887	—16,0	+10,89	— 2,9	+2	+4			
17	+2,723	—16,3	+10,58	— 3,3	+2	+4			
27	+2,561	—15,7	+10,24	— 3,5	+3	+4			
6	+2,409	—14,2	+ 9,88	— 3,6	+3	+4			
16	+2,278	—11,8	+ 9,52	— 3,7	+2	+4			
26	+2,174	— 8,9	+ 9,15	— 3,7	+2	+4			
6	+2,101	— 5,5	+ 8,78	— 3,8	+2	+4			
16	+2,065	— 1,8	+ 8,40	— 3,7	+1	+4			
26	+2,066	+ 2,0	+ 8,04	— 3,6	+1	+3			
36	+2,104	+ 5,7	+ 7,69	— 3,3	0	+3			

Diei reducto addendum est:

ante / post } Jan. 18 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Cygni.*

1750	Jan. 0	20 32 55,668	+44 23 57,38
	Apr. 10	55,711	58,08
	Jul. 19	55,748	58,75
	Oct. 27	55,779	59,39
	Dec. 66	55,805	59,99
1751	Jan. 0	20 32 57,836	+44 24 12,20
	Apr. 10	57,858	12,78
	Jul. 19	57,873	13,30
	Oct. 27	57,882	13,77
	Dec. 66	57,884	14,18
1752	Jan. 1	20 32 59,924	+44 24 26,46
	Apr. 10	59,921	26,84
	Jul. 19	59,912	27,15
	Oct. 27	59,896	27,39
	Dec. 66	59,873	27,57
1753	Jan. 0	20 33 1,921	+44 24 39,93
	Apr. 10	1,894	40,06
	Jul. 19	1,861	40,12
	Oct. 27	1,822	40,11
	Dec. 66	1,778	40,03
1754	Jan. 0	20 33 3,833	+44 24 52,47
	Apr. 10	3,785	52,34
	Jul. 19	3,732	52,14
	Oct. 27	3,674	51,87
	Dec. 66	3,612	51,53
1755	Jan. 0	20 33 5,673	+44 25 4,07
	Apr. 10	5,609	3,69
	Jul. 19	5,542	3,25
	Oct. 27	5,473	2,75
	Dec. 66	5,402	2,20
1756	Jan. 1	20 33 7,465	+44 25 14,81
	Apr. 10	7,393	14,23
	Jul. 19	7,321	13,60
	Oct. 27	7,249	12,94
	Dec. 66	7,176	12,24
1757	Jan. 0	20 33 9,240	+44 25 24,90
	Apr. 10	9,168	24,18
	Jul. 19	9,099	23,45
	Oct. 27	9,032	22,70
	Dec. 66	8,967	21,94
1758	Jan. 0	20 33 11,028	+44 25 34,62
	Apr. 10	10,965	33,86
	Jul. 19	10,907	33,10
	Oct. 27	10,853	32,36
	Dec. 66	10,804	31,62
1759	Jan. 0	20 33 12,859	+44 25 44,29
	Apr. 10	12,813	43,57
	Jul. 19	12,772	42,88
	Oct. 27	12,737	42,22
	Dec. 66	12,707	41,59
1760	Jan. 1	20 33 14,756	+44 25 54,2
	Apr. 10	14,730	53,6
	Jul. 19	14,711	53,0
	Oct. 27	14,698	52,5
	Dec. 66	14,692	52,1
1761	Jan. 0	20 33 16,733	+44 26 4,7
	Apr. 10	16,731	4,2
	Jul. 19	16,735	3,9
	Oct. 27	16,746	3,6
	Dec. 66	16,763	3,4
1762	Jan. 0	20 33 18,796	+44 26 15,5
	Apr. 10	18,817	15,7
	Jul. 19	18,843	15,(
	Oct. 27	18,876	15,5
	Dec. 66	18,914	15,5
1763	Jan. 0	20 33 20,940	+44 26 28,(
	Apr. 10	20,981	28,(
	Jul. 19	21,027	28,1
	Oct. 27	21,078	28,3
	Dec. 66	21,133	28,(
1764	Jan. 1	20 33 23,154	+44 26 40,5
	Apr. 10	23,211	41,1
	Jul. 19	23,271	41,(
	Oct. 27	23,334	42,(
	Dec. 66	23,400	42,1
1765	Jan. 0	20 33 25,418	+44 26 54,
	Apr. 10	25,485	55,
	Jul. 19	25,553	55,
	Oct. 27	25,623	56,
	Dec. 66	25,693	57,
1766	Jan. 0	20 33 27,709	+44 27 9,
	Apr. 10	27,779	9,
	Jul. 19	27,848	10.
	Oct. 27	27,916	11,
	Dec. 66	27,983	12,
1767	Jan. 0	20 33 30,001	+44 27 24,
	Apr. 10	30,067	24.
	Jul. 19	30,129	25.
	Oct. 27	30,189	26.
	Dec. 66	30,245	27.
1768	Jan. 1	20 33 32,266	+44 27 39.
	Apr. 10	32,320	40
	Jul. 19	32,369	40.
	Oct. 27	32,413	41
	Dec. 66	32,452	42
1769	Jan. 0	20 33 34,479	+44 27 54
	Apr. 10	34,515	55
	Jul. 19	34,544	55
	Oct. 27	34,567	56
	Dec. 66	34,584	56

Tabulae X. Sect. I. *α Cygni.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
1. 0	—1,607	— 7,1	+ 6,39	—26,6	0	+2	1750	20 32 55,0658	+44 23 54,654
10	—1,655	— 2,3	+ 3,61	—28,6	0	+3	1751	32 57,1052	24 7,059
20	—1,653	+ 2,7	+ 0,68	—29,5	—1	+3	1752	32 59,1446	24 19,466
30	—1,602	+ 7,7	— 2,29	—29,3	—1	+3	1753	33 1,1841	24 31,875
or. 9	—1,500	+12,6	— 5,18	—28,0	—2	+3	1754	33 3,2236	24 44,286
							1755	33 5,2630	24 56,700
19	—1,350	+17,3	— 7,89	—25,5	—2	+2	1756	33 7,3025	25 9,116
rt. 1	—1,154	+21,7	—10,28	—22,0	—2	+2	1757	33 9,3421	25 21,534
11	—0,916	+24,8	—12,29	—17,6	—3	+2	1758	33 11,3817	25 33,955
21	—0,638	+29,4	—13,80	—12,5	—3	+1	1759	33 13,4213	25 46,378
31	—0,328	+32,4	—14,78	— 7,0	—3	+1	1760	33 15,4609	25 58,803
							1761	33 17,5006	26 11,231
r. 10	+0,009	+34,7	—15,19	— 1,1	—3	+1	1762	33 19,5403	26 23,661
20	+0,365	+36,1	—15,00	+ 4,8	—3	0	1763	33 21,5800	26 36,093
30	+0,731	+36,7	—14,24	+10,4	—2	0	1764	33 23,6197	26 48,527
n. 10	+1,099	+36,4	—12,92	+15,7	—2	0	1765	33 25,6594	27 0,963
20	+1,459	+35,2	—11,10	+20,5	—2	—1	1766	33 27,6992	27 13,402
							1767	33 29,7390	27 25,843
30	+1,802	+33,1	— 8,83	+24,5	—1	—1	1768	33 31,7788	27 38,286
9	+2,120	+30,0	— 6,20	+27,8	—1	—1	1769	33 33,8186	27 50,732
19	+2,402	+26,2	— 3,27	+30,4	—1	—1	1770	33 35,8585	28 3,180
29	+2,643	+21,8	— 0,13	+32,1	0	—1			
9	+2,837	+26,7	+ 3,14	+32,9	0	—1			
19	+2,977	+11,2	+ 6,45	+33,0	+1	—1			
29	+3,061	+ 5,6	+ 9,74	+32,4	+1	—1			
l. 8	+3,088	— 0,1	+12,92	+31,0	+1	—1			
18	+3,059	— 5,6	+15,93	+29,0	+2	0			
28	+2,976	—10,7	+18,71	+26,4	+2	0			
e. 7	+2,843	—15,4	+21,21	+23,3	+2	0			
17	+2,667	—19,4	+23,37	+19,7	+3	+1			
27	+2,455	—22,5	+25,15	+15,8	+3	+1			
d 7	+2,217	—24,7	+26,52	+11,4	+3	+1			
17	+1,961	—25,9	+27,43	+ 6,8	+3	+2			
27	+1,699	—26,1	+27,87	+ 2,0	+3	+2			
d 6	+1,439	—25,4	+27,82	— 3,0	+3	+3			
16	+1,191	—23,7	+27,27	— 8,0	+3	+3			
26	+0,965	—21,2	+26,23	—12,8	+2	+4			
e 6	+0,768	—18,0	+24,71	—17,4	+2	+4			
16	+0,605	—14,2	+22,76	—21,4	+2	+4			
26	+0,484	— 9,9	+20,43	—24,8	+1	+5			
36	+0,408	— 5,3	+17,80	—27,5	+1	+5			

Diei reducto addendum est:

ante } Jan. 25 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Aquarii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	21 52 57,193	— 1 31 18,94	1760	Jan. 1	21 53 26,018	— 1 28 39,1
	Apr. 10	57,207	18,42		Apr. 10	26,031	39,4
	Jul. 19	57,212	17,96		Jul. 19	26,052	39,7
	Oct. 27	57,208	17,54		Oct. 27	26,082	40,0
	Dec. 66	57,195	17,16		Dec. 66	26,120	40,2
1751	Jan. 0	21 53 0,288	— 1 31 0,24	1761	Jan. 0	21 53 29,193	— 1 28 23,1
	Apr. 10	0,269	30 59,91		Apr. 10	29,236	23,2
	Jul. 19	0,242	59,63		Jul. 19	29,286	23,3
	Oct. 27	0,207	59,41		Oct. 27	29,343	23,4
	Dec. 66	0,163	59,25		Dec. 66	29,406	23,3
1752	Jan. 1	21 53 3,266	— 1 30 42,26	1762	Jan. 0	21 53 32,471	— 1 28 6,3
	Apr. 10	3,217	42,14		Apr. 10	32,539	6,2
	Jul. 19	3,160	42,09		Jul. 19	32,611	6,1
	Oct. 27	3,097	42,10		Oct. 27	32,689	5,9
	Dec. 66	3,026	42,18		Dec. 66	32,771	5,7
175_	Jan. 0	21 53 6,137	— 1 30 25,10	1763	Jan. 0	21 53 35,829	— 1 27 48,7
	Apr. 10	6,062	25,22		Apr. 10	35,914	48,4
	Jul. 19	5,982	25,40		Jul. 19	36,001	48,1
	Oct. 27	5,898	25,65		Oct. 27	36,091	47,7
	Dec. 66	5,809	25,96		Dec. 66	36,183	47,5
1754	Jan. 0	21 53 8,926	— 1 30 8,80	1764	Jan. 1	21 53 39,238	— 1 27 30,5
	Apr. 10	8,834	9,15		Apr. 10	39,331	29,9
	Jul. 19	8,740	9,55		Jul. 19	39,423	29,4
	Oct. 27	8,644	10,00		Oct. 27	39,415	28,9
	Dec. 66	8,547	10,50		Dec. 66	39,607	28,3
1755	Jan. 0	21 53 11,667	— 1 29 53,28	1765	Jan. 0	21 53 42,663	— 1 27 11,4
	Apr. 10	11,569	53,81		Apr. 10	42,754	10,8
	Jul. 19	11,472	54,38		Jul. 19	42,842	10,3
	Oct. 27	11,377	54,98		Oct. 27	42,927	9,8
	Dec. 66	11,283	55,61		Dec. 66	43,009	8,3
1756	Jan. 1	21 53 14,401	— 1 29 38,35	1766	Jan. 0	21 53 46,068	— 1 26 52,7
	Apr. 10	14,309	39,00		Apr. 10	46,148	51,4
	Jul. 19	14,221	39,67		Jul. 19	46,222	50,7
	Oct. 27	14,138	40,35		Oct. 27	46,291	50,0
	Dec. 66	14,058	41,04		Dec. 66	46,355	49,3
1757	Jan. 0	21 53 17,171	— 1 29 23,76	1767	Jan. 0	21 53 49,421	— 1 26 32,3
	Apr. 10	17,096	24,45		Apr. 10	49,481	31,7
	Jul. 19	17,027	25,14		Jul. 19	49,533	31,1
	Oct. 27	16,965	25,81		Oct. 27	49,578	30,6
	Dec. 66	16,910	26,48		Dec. 66	49,616	30,2
1758	Jan. 0	21 53 20,014	— 1 29 9,21	1768	Jan. 1	21 53 52,690	— 1 26 13,
	Apr. 10	19,964	9,86		Apr. 10	52,723	12,
	Jul. 19	19,923	10,49		Jul. 19	52,747	12,
	Oct. 27	19,889	11,08		Oct. 27	52,763	11,
	Dec. 66	19,864	11,65		Dec. 66	52,770	11,
1759	Jan. 0	21 53 22,958	— 1 28 54,41	1769	Jan. 0	21 53 55,854	— 1 25 54,
	Apr. 10	22,939	54,95		Apr. 10	55,855	53,
	Jul. 19	22,929	55,44		Jul. 19	55,848	53,
	Oct. 27	22,928	55,89		Oct. 27	55,832	52,
	Dec. 66	22,935	56,29		Dec. 66	55,807	52,

Tabulae X. Sect. I. *a Aquarii.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Ja. 0	—0,″855	— 5,0	— 1,″37	— 7,7	+2	+1	1750	21 52 56,1789	— 1 31 23,611
10	—0,893	— 2,5	— 2,13	— 7,5	+2	+1	1751	52 59,2659	31 6,573
20	—0,905	+ 0,2	— 2,87	— 7,0	+2	+1	1752	53 2,3528	30 49,533
30	—0,890	+ 3,0	— 3,53	— 6,1	+1	+1	1753	53 5,4397	30 32,491
Febr. 9	—0,846	+ 5,8	— 4,08	— 4,7	0	+1	1754	53 8,5265	30 15,446
							1755	53 11,6133	29 58,400
19	—0,774	+ 8,8	— 4,47	— 3,0	0	0	1756	53 14,7000	29 41,350
Mrt. 1	—0,671	+11,8	— 4,68	— 1,0	—1	0	1757	53 17,7867	29 24,299
11	—0,537	+15,0	— 4,66	+ 1,5	—1	0	1758	53 20,8734	29 7,245
21	—0,372	+18,0	— 4,39	+ 4,1	—2	0	1759	53 23,9600	28 50,189
31	—0,177	+21,0	— 3,85	+ 6,8	—2	0	1760	53 27,0465	28 33,130
							1761	53 30,1330	28 16,070
Apr. 10	+0,048	+23,8	— 3,03	+ 9,5	—2	—1	1762	53 33,2195	27 59,007
20	+0,299	+26,3	— 1,95	+12,0	—3	—1	1763	53 36,3059	27 41,942
30	+0,574	+28,4	— 0,63	+14,3	—3	—1	1764	53 39,3923	27 24,875
Mj. 10	+0,867	+29,9	+ 0,91	+16,3	—3	—1	1765	53 42,4787	27 7,806
20	+1,172	+30,8	+ 2,63	+17,8	—3	—1	1766	53 45,5650	26 50,734
							1767	53 48,6513	26 33,660
30	+1,482	+31,0	+ 4,46	+18,8	—3	—1	1768	53 51,7375	26 16,584
Jn. 9	+1,791	+30,4	+ 6,38	+19,3	—3	—1	1769	53 54,8237	25 59,505
19	+2,090	+29,0	+ 8,31	+19,1	—3	0	1770	53 57,9098	25 42,423
29	+2,371	+26,9	+10,20	+18,6	—2	0			
Jl. 9	+2,628	+24,1	+12,02	+17,6	—2	0			
19	+2,852	+20,6	+13,71	+16,1	—2	0			
29	+3,039	+16,7	+15,23	+14,3	—1	+1			
Aug. 8	+3,185	+12,4	+16,56	+12,3	—1	+1			
18	+3,287	+ 8,0	+17,68	+10,2	—1	+1			
28	+3,345	+ 3,7	+18,59	+ 8,0	0	+2			
Sept. 7	+3,360	— 0,5	+19,27	+ 5,7	0	+2			
17	+3,335	— 4,3	+19,73	+ 3,6	+1	+2			
27	+3,275	— 7,5	+19,99	+ 1,7	+1	+3			
Oct. 7	+3,186	—10,1	+20,07	— 0,1	+2	+3			
17	+3,074	—12,0	+19,97	— 1,7	+2	+3			
27	+2,947	—13,0	+19,73	— 3,1	+2	+3			
Nov. 6	+2,814	—13,3	+19,36	— 4,3	+3	+3			
16	+2,681	—13,0	+18,88	— 5,3	+3	+4			
26	+2,555	—12,0	+18,30	— 6,2	+3	+4			
Dec. 6	+2,441	—10,6	+17,64	— 6,9	+3	+4			
16	+2,344	— 8,7	+16,93	— 7,4	+2	+4			
26	+2,268	— 6,5	+16,17	— 7,7	+2	+4			
36	+2,214	— 4,1	+15,40	— 7,7	+2	+3			

Diei reducto addendum est:

ante } Febr. 14 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Piscis austrini.*

1750	Jan. 0	$22^h\,43'\,47''{,}842$	$-30°\,56'\,17''{,}95$	1760	Jan. 1	$22^h\,44'\,19''{,}153$	$-30°\,53'\,22''{,}6$
	Apr. 10	47,827	17,59		Apr. 10	19,197	22,8
	Jul. 19	47,803	17,28		Jul. 19	19,249	23,0
	Oct. 27	47,768	17,02		Oct. 27	19,309	23,0
	Dec. 66	47,724	16,82		Dec. 66	19,377	23,1
1751	Jan. 0	22 43 51,097	−30 55 58,15	1761	Jan. 0	22 44 22,708	−30 53 4,3
	Apr. 10	51,048	57,99		Apr. 10	22,785	4,3
	Jul. 19	50,990	57,89		Jul. 19	22,860	4,2
	Oct. 27	50,924	57,85		Oct. 27	22,945	4,1
	Dec. 66	50,850	57,86		Dec. 66	23,035	3,9
1752	Jan. 1	22 43 54,231	−30 55 39,12	1762	Jan. 0	22 44 26,359	−30 52 45,5
	Apr. 10	54,152	39,17		Apr. 10	26,452	45,0
	Jul. 19	54,067	39,29		Jul. 19	26,549	44,7
	Oct. 27	53,975	39,47		Oct. 27	26,649	44,4
	Dec. 66	53,878	39,71		Dec. 66	26,752	44,0
1753	Jan. 0	22 43 57,267	−30 55 20,88	1763	Jan. 0	22 44 30,071	−30 52 25,4
	Apr. 10	57,166	21,16		Apr. 10	30,176	25,1
	Jul. 19	57,063	21,49		Jul. 19	30,280	24,8
	Oct. 27	56,957	21,87		Oct. 27	30,384	24,
	Dec. 66	56,848	22,30		Dec. 66	30,488	23,
1754	Jan. 0	22 44 0,241	−30 55 3,41	1764	Jan. 1	22 44 33,807	−30 52 5,
	Apr. 10	0,131	3,87		Apr. 10	33,910	4,
	Jul. 19	0,022	4,37		Jul. 19	34,011	3,
	Oct. 27	43 59,914	4,91		Oct. 27	34,108	3,
	Dec. 66	59,806	5,49		Dec. 66	34,203	2,
1755	Jan. 0	22 44 3,197	−30 54 46,55	1765	Jan. 0	22 44 37,525	−30 51 44
	Apr. 10	3,091	47,14		Apr. 10	37,617	43
	Jul. 19	2,989	47,76		Jul. 19	37,703	42
	Oct. 27	2,891	48,39		Oct. 27	37,784	42
	Dec. 66	2,798	49,04		Dec. 66	37,859	41
1756	Jan. 1	22 44 6,184	−30 54 30,08	1766	Jan. 0	22 44 41,187	−30 51 23
	Apr. 10	6,094	30,74		Apr. 10	41,258	22
	Jul. 19	6,012	31,39		Jul. 19	41,320	21
	Oct. 27	5,937	32,04		Oct. 27	41,375	21
	Dec. 66	5,869	32,68		Dec. 66	41,422	20
1757	Jan. 0	22 44 9,246	−30 54 13,73	1767	Jan. 0	22 44 44,760	−30 51 2
	Apr. 10	9,184	14,37		Apr. 10	44,802	1
	Jul. 19	9,131	14,98		Jul. 19	44,834	1
	Oct. 27	9,087	15,57		Oct. 27	44,857	0
	Dec. 66	9,052	16,13		Dec. 66	44,871	0
1758	Jan. 0	22 44 12,417	−30 53 57,20	1768	Jan. 1	22 44 48,220	−30 50 41
	Apr. 10	12,389	57,74		Apr. 10	48,227	41
	Jul. 19	12,371	58,25		Jul. 19	48,224	40
	Oct. 27	12,363	58,71		Oct. 27	48,212	40
	Dec. 66	12,365	59,13		Dec. 66	48,190	39
1759	Jan. 0	22 44 15,718	−30 53 40,25	1769	Jan. 0	22 44 51,551	−30 50 21
	Apr. 10	15,727	40,64		Apr. 10	51,523	20
	Jul. 19	15,745	40,98		Jul. 19	51,485	20
	Oct. 27	15,774	41,26		Oct. 27	51,438	20
	Dec. 66	15,812	41,49		Dec. 66	51,381	20

Tabulae X. Sect. I. *α Piscis austrini.*

	1760		1760		Var. 10 annor.	
	″		″			
0	−0,732	− 9,8	−10,00	+ 3,0	+4	0
10	−0,819	− 7,5	− 9,56	+ 5,8	+4	0
20	−0,881	− 4,9	− 8,85	+ 8,4	+3	−1
30	−0,916	− 2,0	− 7,89	+10,9	+3	−1
r. 9	−0,921	+ 1,1	− 6,68	+13,3	+2	−2
19	−0,894	+ 4,4	− 5,24	+15,4	+1	−2
t. 1	−0,834	+ 7,8	− 3,60	+17,3	+1	−2
11	−0,738	+11,5	− 1,78	+19,0	0	−2
21	−0,605	+15,2	+ 0,19	+20,4	−1	−3
31	−0,434	+19,0	+ 2,30	+21,5	−2	−3
10	−0,226	+22,6	+ 4,49	+22,2	−2	−3
20	+0,017	+26,1	+ 6,73	+22,4	−3	−2
30	+0,295	+29,2	+ 8,97	+22,2	−3	−2
10	+0,601	+31,8	+11,17	+21,6	−4	−2
20	+0,930	+33,8	+13,28	+20,4	−4	−2
30	+1,276	+35,0	+15,24	+18,7	−4	−1
9	+1,630	+35,4	+17,01	+16,5	−5	−1
19	+1,983	+34,9	+18,53	+13,8	−5	0
29	+2,327	+33,5	+19,77	+10,8	−5	0
9	+2,652	+31,2	+20,69	+ 7,6	−5	+1
19	+2,950	+28,1	+21,28	+ 4,2	−4	+1
29	+3,213	+24,2	+21,52	+ 0,7	−4	+2
8	+3,434	+19,8	+21,42	− 2,7	−4	+3
18	+3,609	+15,0	+20,99	− 5,8	−3	+3
28	+3,734	+10,0	+20,26	− 8,6	−3	+3
7	+3,809	+ 5,1	+19,28	−10,8	−2	+4
17	+3,835	+ 0,3	+18,10	−12,5	−2	+4
27	+3,815	− 4,1	+16,78	−13,6	−1	+4
7	+3,754	− 7,8	+15,38	−14,1	0	+4
17	+3,659	−10,9	+13,97	−13,8	0	+4
27	+3,537	−13,1	+12,63	−12,9	+1	+4
6	+3,397	−14,5	+11,40	−11,4	+1	+4
16	+3,247	−15,2	+10,36	− 9,4	+2	+4
26	+3,094	−15,1	+ 9,53	− 7,1	+2	+3
6	+2,946	−14,3	+ 8,95	− 4,5	+2	+3
16	+2,809	−12,9	+ 8,64	− 1,7	+2	+2
26	+2,688	−11,1	+ 8,62	+ 1,2	+2	+2
36	+2,587	− 9,0	+ 8,88	+ 4,0	+2	+1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	22 43 46,6871	−30 56 23,580
1751	43 50,0435	56 4,847
1752	43 53,3996	55 46,113
1753	43 56,7555	55 27,377
1754	44 0,1112	55 8,640
1755	44 3,4667	54 49,900
1756	44 6,8220	54 31,161
1757	44 10,1771	54 12,419
1758	44 13,5319	53 53,675
1759	44 16,8865	53 34,930
1760	44 20,2409	53 16,184
1761	44 23,5951	52 57,436
1762	44 26,9491	52 38,687
1763	44 30,3029	52 19,936
1764	44 33,6565	52 1,184
1765	44 37,0097	51 42,430
1766	44 40,3628	51 23,675
1767	44 43,7157	51 4,918
1768	44 47,0684	50 46,160
1769	44 50,4209	50 27,400
1770	44 53,7731	50 8,639

Diei reducto addendum est:

ante } Febr. 27 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *a Pegasi.*

1750	Jan. 0	22h 52′ 20″,481	+13° 51′ 59″,57	1760	Jan. 1	22h 52′ 48″,307	+13° 54′ 59″
	Apr. 10	20,508	59,90		Apr. 10	48,306	58
	Jul. 19	20,527	52 0,18		Jul. 19	48,313	58
	Oct. 27	20,538	0,40		Oct. 27	48,328	58
	Dec. 66	20,540	0,57		Dec. 66	48,351	58
1751	Jan. 0	22 52 23,517	+13 52 19,70	1761	Jan. 0	22 52 51,320	+13 55 17
	Apr. 10	23,513	19,83		Apr. 10	51.349	18
	Jul. 19	23,501	19,90		Jul. 19	51,385	18
	Oct. 27	23,480	19,92		Oct. 27	51,428	18
	Dec. 66	23,451	19,87		Dec. 66	51,479	18
1752	Jan. 1	22 52 26,439	+13 52 39,07	1762	Jan. 0	22 52 54,439	+13 55 37
	Apr. 10	26,404	38,98		Apr. 10	54,493	37
	Jul. 19	26,362	38,84		Jul. 19	54,553	38
	Oct. 27	26,311	38,64		Oct. 27	54,619	38
	Dec. 66	26,253	38,37		Dec. 66	54,690	38
1753	Jan. 0	22 52 29,251	+13 52 57,65	1763	Jan. 0	22 52 57,644	+13 55 57
	Apr. 10	29,188	57,35		Apr. 10	57,722	58
	Jul. 19	29,120	57,00		ul. 19	57,802	58
	Oct. 27	29,046	56,60		Oct. 27	57,886	59
	Dec. 66	28,966	56,15		Dec. 66	57,972	59
1754	Jan. 0	22 52 31,970	+13 53 15,48	1764	Jan. 1	22 53 0,920	+13 56 1
	Apr. 10	31,887	15,00		Apr. 10	1,008	1
	Jul. 19	31,800	14,49		Jul. 19	1,096	1
	Oct. 27	31,711	13,94		Oct. 27	1,186	2
	Dec. 66	31,618	13,36		Dec. 66	1,276	2
1755	Jan. 0	22 52 34,627	+13 53 32,74	1765	Jan. 0	22 53 4,224	+13 56 4
	Apr. 10	34,533	32,13		Apr. 10	4.314	4
	Jul. 19	34,438	31,52		Jul. 19	4,4 3	4
	Oct. 27	34,344	30,89		Oct. 27	4,491	4
	Dec. 66	34,250	30,25		Dec. 66	4,577	4
1756	Jan. 1	22 52 37,259	+13 53 49,66	1766	Jan. 0	22 53 7,526	+13 57
	Apr. 10	37,166	48,99		Apr. 10	7,610	
	Jul. 19	37,075	48,34		Jul. 19	7,690	
	Oct. 27	36,987	47,69		Oct. 27	7,766	
	Dec. 66	36,903	47,06		Dec. 66	7,837	
1757	Jan. 0	22 52 39,909	+13 54 6,46	1767	Jan. 0	22 53 10,792	+13 57
	Apr. 10	39,827	5,84		Apr. 10	10,860	
	Jul. 19	39,751	5,24		Jul. 19	10,922	
	Oct. 27	39,681	4,67		Oct. 27	10,978	
	Dec. 66	39,616	4,12		Dec. 66	11,027	
1758	Jan. 0	22 52 42,615	+13 54 23,48	1768	Jan. 1	22 53 13,990	+13 57
	Apr. 10	42,554	22,96		Apr. 10	14,034	
	Jul. 19	42,501	22,48		Jul. 19	14,071	
	Oct. 27	42,456	22,04		Oct. 27	14,100	
	Dec. 66	42,418	21,65		Dec. 66	14,121	
1759	Jan. 0	22 52 45,408	+13 54 40,96	1769	Jan. 0	22 53 17,094	+13 58
	Apr. 10	45,375	40,60		Apr. 10	17,109	
	Jul. 19	45,351	40,29		Jul. 19	17,116	
	Oct. 27	45,335	40,03		Oct. 27	17,115	
	Dec. 66	45,328	39,83		Dec. 66	17,105	

Tabulae X. Sect. I. *α Pegasi.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Ja. 0	−0,575	− 9,4	+ 3,32	−10,6	+3	+2	1750	22 52 19,5334	+13 51 53,798
10	−0,661	− 7,7	+ 2,19	−11,8	+2	+2	1751	52 22,5106	52 12,976
20	−0,729	− 5,8	+ 0,97	−12,5	+2	+2	1752	52 25,4879	52 32,155
30	−0,776	− 3,5	− 0,30	−12,6	+2	+2	1753	52 28,4652	52 51,335
Febr. 9	−0,798	− 0,8	− 1,54	−12,1	+1	+2	1754	52 31,4426	53 10,517
							1755	52 34,4200	53 29,700
19	−0,792	+ 2,2	− 2,71	−11,1	+1	+2	1756	52 37,3975	53 48,884
Mrt. 1	−0,755	+ 5,5	− 3,75	− 9,4	0	+2	1757	52 40,3750	54 8,069
11	−0,683	+ 9,0	− 4,58	− 7,1	−1	+1	1758	52 43,3527	54 27,254
21	−0,576	+12,6	− 5,16	− 4,3	−1	+1	1759	52 46,3304	54 46,441
31	−0,431	+16,3	− 5,44	− 1,1	−1	+1	1760	52 49,3081	55 5,629
							1761	52 52,2859	55 24,818
Apr. 10	−0,250	+19,9	− 5,38	+ 2,3	−2	0	1762	52 55,2637	55 44,009
20	−0,033	+23,3	− 4,98	+ 5,8	−2	0	1763	52 58,2416	56 3,201
30	+0,216	+26,3	− 4,23	+ 9,3	−2	0	1764	53 1,2194	56 22,394
Maj. 10	+0,492	+28,7	− 3,13	+12,6	−3	−1	1765	53 4,1974	56 41,588
20	+0,790	+30,5	− 1,72	+15,5	−3	−1	1766	53 7,1754	57 0,783
							1767	53 10,1535	57 19,979
30	+1,102	+31,6	− 0,03	+18,1	−3	−1	1768	53 13,1316	57 39,177
Jun. 9	+1,421	+31,8	+ 1,90	+20,2	−3	−1	1769	53 16,1099	57 58,376
19	+1,738	+31,2	+ 4,01	+21,7	−2	−2	1770	53 19,0881	58 17,576
29	+2,044	+29,8	+ 6,24	+22,6	−2	−2			
Jul. 9	+2,333	+27,6	+ 8,53	+23,0	−2	−2			
19	+2,595	+24,7	+10,83	+22,8	−2	−1			
29	+2,826	+21,3	+13,09	+22,1	−1	−1			
Aug. 8	+3,020	+17,4	+15,24	+20,9	−1	−1			
18	+3,173	+13,2	+17,26	+19,3	0	−1			
28	+3,284	+ 9,0	+19,10	+17,4	0	−1			
Sept. 7	+3,353	+ 4,9	+20,73	+15,3	+1	0			
17	+3,381	+ 0,9	+22,15	+13,0	+1	0			
27	+3,371	− 2,7	+23,33	+10,6	+2	0			
Oct. 7	+3,328	− 5,7	+24,26	+ 8,1	+2	+1			
17	+3,257	− 8,2	+24,94	+ 5,6	+3	+1			
27	+3,164	−10,1	+25,38	+ 3,2	+3	+2			
Nov. 6	+3,055	−11,4	+25,57	+ 0,7	+3	+2			
16	+2,937	−12,1	+25,52	− 1,7	+3	+2			
26	+2,813	−12,3	+25,24	− 3,9	+4	+3			
Dec. 6	+2,691	−12,0	+24,74	− 6,0	+4	+3			
16	+2,573	−11,4	+24,04	− 8,0	+4	+3			
26	+2,464	−10,2	+23,14	− 9,7	+3	+3			
36	+2,369	− 8,8	+22,10	−11,1	+3	+3			

Diei reducto addendum est:

ante / post } Mart. 1 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Andromedae.*

1750	Jan. 0	23h 55′ 32″,124	+27° 42′ 39″,57
	Apr. 10	32,168	39,68
	Jul. 19	32,203	39,74
	Oct. 27	32,229	39,74
	Dec. 66	32,247	39,68
1751	Jan. 0	23 55 35,306	+27 42 59,61
	Apr. 10	35,318	59,52
	Jul. 19	35,320	59,37
	Oct. 27	35,313	59,16
	Dec. 66	35,297	58,90
1752	Jan. 1	23 55 38,368	+27 43 18,90
	Apr. 10	38,346	18,60
	Jul. 19	38,316	18.26
	Oct. 27	38,276	17,86
	Dec. 66	38,227	17,42
1753	Jan. 0	23 55 41,309	+27 43 37,48
	Apr. 10	41,255	37,01
	Jul. 19	41,194	36,51
	Oct. 27	41,125	35,98
	Dec. 66	41,049	35,41
1754	Jan. 0	23 55 44,140	+27 43 55,51
	Apr. 10	44,060	54,92
	Jul. 19	43,976	54,32
	Oct. 27	43,886	53,71
	Dec. 66	43,792	53,08
1755	Jan. 0	23 55 46,889	+27 44 13,20
	Apr. 10	46,793	12,57
	Jul. 19	46,695	11,94
	Oct. 27	46,596	11.32
	Dec. 66	46,495	10,70
1756	Jan. 1	23 55 49,594	+27 44 30,81
	Apr. 10	49,493	30,21
	Jul. 19	49,393	29,63
	Oct. 27	49,296	29.08
	Dec. 66	49,200	28,55
1757	Jan. 0	23 55 52,297	+27 44 48,64
	Apr. 10	52,204	48,13
	Jul. 19	52,115	47,67
	Oct. 27	52,031	47,25
	Dec. 66	51,951	46,88
1758	Jan. 0	23 55 55,043	+27 45 6,91
	Apr. 10	54,967	6,57
	Jul. 19	54,899	6,28
	Oct. 27	54,838	6,04
	Dec. 66	54,784	5,86
1759	Jan. 0	23 55 57,867	+27 45 25,82
	Apr. 10	57,819	25,67
	Jul. 19	57,779	25,58
	Oct. 27	57,748	25,55
	Dec. 66	57,725	25,58

1760	Jan. 1	23h 56′ 0″,796	+27° 45′ 45″
	Apr. 10	0,779	45
	Jul. 19	0,771	45
	Oct. 27	0,772	45
	Dec. 66	0,781	46
1761	Jan. 0	23 56 3,843	+27 46
	Apr. 10	3,859	
	Jul. 19	3,883	
	Oct. 27	3,915	
	Dec. 66	3,956	
1762	Jan. 0	23 56 7,008	+27 46 2
	Apr. 10	7,054	2
	Jul. 19	7,107	2
	Oct. 27	7,167	2
	Dec. 66	7,234	2
1763	Jan. 0	23 56 10,278	+27 46 4
	Apr. 10	10,349	4
	Jul. 19	10,425	4
	Oct. 27	10,506	5
	Dec. 66	10,591	5
1764	Jan. 1	23 56 13,629	+27 47 1
	Apr. 10	13,717	1
	Jul. 19	13,808	1
	Oct. 27	13,901	1
	Dec. 66	13,997	1
1765	Jan. 0	23 56 17,032	+27 47 3
	Apr. 10	17,128	3
	Jul. 19	17,224	3
	Oct. 27	17,320	3
	Dec. 66	17,415	3
1766	Jan. 0	23 56 20,450	+27 47 5
	Apr. 10	20,545	5
	Jul. 19	20,636	5
	Oct. 27	20,724	5
	Dec. 66	20,808	5
1767	Jan. 0	23 56 23,848	+27 48 1
	Apr. 10	23,930	1
	Jul. 19	24,006	1
	Oct. 27	24,077	1
	Dec. 66	24,142	1
1768	Jan. 1	23 56 27,189	+27 48 3
	Apr. 10	27,249	3
	Jul. 19	27,302	3
	Oct. 27	27,347	3
	Dec. 66	27,384	3
1769	Jan. 0	23 56 30,440	+27 48 5
	Apr. 10	30,472	5
	Jul. 19	30,495	5
	Oct. 27	30,509	5
	Dec. 66	30,514	5

Tabulae X. Sect. I. *α Andromedae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	−0″,226	−13,5	+ 8″,19	− 8,5	+3	+2	1750	23 55 31″,1823	+27 42 33″,055
10	−0,359	−12,9	+ 7,21	−11,1	+3	+2	1751	55 34,2469	42 52,964
20	−0,484	−11,9	+ 5,98	−13,2	+3	+3	1752	55 37,3116	43 12,873
30	−0,596	−10,3	+ 4,57	−14,8	+2	+3	1753	55 40,3765	43 32,782
Febr. 9	−0,689	− 8,1	+ 3,02	−15,9	+2	+3	1754	55 43,4415	43 52,691
							1755	55 46,5067	44 12,600
19	−0,757	− 5,2	+ 1,40	−16,1	+1	+3	1756	55 49,5721	44 32,509
Mrt. 1	−0,793	− 1,8	− 0,20	−15,6	+1	+3	1757	55 52,6378	44 52,418
11	−0,792	+ 2,2	− 1,72	−14,4	0	+3	1758	55 55,7036	45 12,327
21	−0,750	+ 6,4	− 3,08	−12,4	0	+2	1759	55 58,7696	45 32,236
31	−0,664	+10,9	− 4,20	− 9,8	−1	+2	1760	56 1,8358	45 52,144
							1761	56 4,9021	46 12,052
Apr. 10	−0,532	+15,5	− 5,03	− 6,6	−1	+2	1762	56 7,9686	46 31,961
20	−0,355	+19,9	− 5,52	− 3,0	−2	+1	1763	56 11,0353	46 51,869
30	−0,135	+24,0	− 5,63	+ 0,9	−2	+1	1764	56 14,1022	47 11,778
Mj. 10	+0,124	+27,5	− 5,35	+ 4,7	−2	0	1765	56 17,1692	47 31,686
20	+0,415	+30,4	− 4,69	+ 8,6	−3	0	1766	56 20,2364	47 51,594
							1767	56 23,3038	48 11,503
30	+0,732	+32,6	− 3,63	+12,4	−3	−1	1768	56 26,3714	48 31,411
Jn. 9	+1,066	+33,9	− 2,22	+15,7	−3	−1	1769	56 29,4391	48 51,320
19	+1,409	+34,2	− 0,50	+18,6	−2	−2	1770	56 32,5070	49 11,228
29	+1,750	+33,7	+ 1,49	+21,0	−2	−2			
Jl. 9	+2,082	+32,3	+ 3,70	+22,9	−2	−2			
19	+2,395	+30,1	+ 6,07	+24,2	−2	−3			
29	+2,683	+27,2	+ 8,54	+24,9	−1	−3			
Aug. 8	+2,938	+23,7	+11,05	+25,1	−1	−3			
18	+3,157	+19,9	+13,55	+24,7	0	−3			
28	+3,336	+15,9	+15,98	+23,8	0	−3			
Sept. 7	+3,474	+11,7	+18,31	+22,6	+1	−3			
17	+3,570	+ 7,7	+20,49	+20,9	+2	−2			
27	+3,627	+ 3,8	+22,49	+18,9	+2	−2			
Oct. 7	+3,646	+ 0,2	+24,27	+16,7	+3	−2			
17	+3,630	− 3,1	+25,82	+14,2	+3	−1			
27	+3,585	− 5,8	+27,10	+11,5	+4	−1			
Nov. 6	+3,514	− 8,2	+28,11	+ 8,6	+4	0			
16	+3,422	−10,1	+28,81	+ 5,6	+5	0			
26	+3,313	−11,6	+29,22	+ 2,6	+5	+1			
Dec. 6	+3,191	−12,7	+29,32	− 0,6	+5	+1			
16	+3,060	−13,3	+29,10	− 3,8	+5	+1			
26	+2,925	−13,5	+28,57	− 6,7	+5	+2			
36	+2,790	−13,4	+27,76	− 9,5	+5	+2			

Diei reducto addendum est:

ante / post } Mart. 19 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Ursae minoris.*

		α		δ		$\odot + \Omega$	$\mathfrak{D}$
		$^h\ ' \ ''$	$''$	$^\circ\ ' \ ''$	$''$		
1750	Jan. 0	0 42 51,84	+ 1,57	87 58 9,31	— 0,06	555	495
	Apr. 10	53,41	+ 1,54	9,25	— 0,11		
	Jul. 19	54,95	+ 1,52	9,14	— 0,17		
	Oct. 27	56,47	+ 1,50	8,97	— 0,23		
	Dec. 66	57,97		8,74			
1751	Jan. 0	0 43 7,64	+ 1,47	87 58 28,54	— 0,26	501	864
	Apr. 10	9,11	+ 1,40	28,28	— 0,31		
	Jul. 19	10,51	+ 1,33	27,97	— 0,37		
	Oct. 27	11,84	+ 1,26	27,60	— 0,41		
	Dec. 66	13,10		27,19			
1752	Jan. 1	0 43 22,90	+ 1,20	87 58 47,05	— 0,45	447	23
	Apr. 10	24,10	+ 1,09	46,61	— 0,49		
	Jul. 19	25,19	+ 0,98	46,12	— 0,53		
	Oct. 27	26,17	+ 0,87	45,59	— 0,57		
	Dec. 66	27,04		45,02			
1753	Jan. 0	0 43 37,03	+ 0,78	87 59 4,95	— 0,57	394	60
	Apr. 10	37,81	+ 0,65	4,38	— 0,60		
	Jul. 19	38,46	+ 0,50	3,78	— 0,61		
	Oct. 27	38,96	+ 0,37	3,17	— 0,63		
	Dec. 66	39,33		2,54			
1754	Jan. 0	0 43 49,53	+ 0,27	87 59 22,47	— 0,64	340	96
	Apr. 10	49,80	+ 0,11	21,83	— 0,64		
	Jul. 19	49,91	— 0,03	21,19	— 0,64		
	Oct. 27	49,88	— 0,18	20,55	— 0,64		
	Dec. 66	49,70		19,91			
1755	Jan. 0	0 44 0,13	— 0,29	87 59 39,83	— 0,62	286	33
	Apr. 10	43 59,84	— 0,43	39,21	— 0,61		
	Jul. 19	59,41	— 0,57	38,60	— 0,58		
	Oct. 27	58,84	— 0,72	38,02	— 0,56		
	Dec. 66	58,12		37,46			
1756	Jan. 1	0 44 8,79	— 0,81	87 59 57,35	— 0,54	232	70
	Apr. 10	7,98	— 0,93	56,81	— 0,50		
	Jul. 19	7,05	— 1,05	56,31	— 0,45		
	Oct. 27	6,00	— 1,16	55,86	— 0,42		
	Dec. 66	4,84		55,44			
1757	Jan. 0	0 44 15,70	— 1,24	88 0 15,28	— 0,39	179	07
	Apr. 10	14,46	— 1,31	14,89	— 0,33		
	Jul. 19	13,15	— 1,39	14,56	— 0,28		
	Oct. 27	11,76	— 1,48	14,28	— 0,23		
	Dec. 66	10,28		14,05			
1758	Jan. 0	0 44 21,29	— 1,51	88 0 33,82	— 0,19	125	44
	Apr. 10	19,78	— 1,54	33,63	— 0,13		
	Jul. 19	18,24	— 1,58	33,50	— 0,07		
	Oct. 27	16,66	— 1,60	33,43	— 0,01		
	Dec. 66	15,06		33,42			
1759	Jan. 0	0 44 26,16	— 1,61	88 0 53,11	+ 0,03	071	81
	Apr. 10	24,55	— 1,59	53,14	+ 0,08		
	Jul. 19	22,96	— 1,57	53,22	+ 0,15		
	Oct. 27	21,39	— 1,56	53,37	+ 0,20		
	Dec. 66	19,83		53,57			

Tabulae X. Sect. I. *α Ursae minoris.*

						☉ + ☊	☽
		h ′ ″	″	° ′ ″	″		
760	Jan. 1	0 44 30,96	− 1,53	88 1 13,18	+ 0,24	017	178
	Apr. 10	29,43	− 1,46	13,42	+ 0,28		
	Jul. 19	27,97	− 1,39	13,70	+ 0,33		
	Oct. 27	26,58	− 1,33	14,03	+ 0,38		
	Dec. 66	25,25		14,41			
761	Jan. 0	0 44 36,34	− 1,27	88 1 33,97	+ 0,41	964	546
	Apr. 10	35,07	− 1,16	34,38	+ 0,44		
	Jul. 19	33,91	− 1,07	34,82	+ 0,49		
	Oct. 27	32,84	− 0,96	35,31	+ 0,53		
	Dec. 66	31,88		35,84			
762	Jan. 0	0 44 42,90	− 0,88	88 1 55,34	+ 0,53	910	915
	Apr. 10	42,02	− 0,75	55,87	+ 0,56		
	Jul. 19	41,27	− 0,63	56,43	+ 0,58		
	Oct. 27	40,64	− 0,49	57,01	+ 0,60		
	Dec. 66	40,15		57,61			
763	Jan. 0	0 44 51,06	− 0,40	88 2 17,09	+ 0,60	856	283
	Apr. 10	50,66	− 0,26	17,69	+ 0,61		
	Jul. 19	50,40	− 0,11	18,30	+ 0,61		
	Oct. 27	50,29	+ 0,02	18,91	+ 0,61		
	Dec. 66	50,31		19,52			
764	Jan. 1	0 45 1,10	+ 0,12	88 2 39,00	+ 0,61	803	651
	Apr. 10	1,22	+ 0,27	39,61	+ 0,59		
	Jul. 19	1,49	+ 0,40	40,20	+ 0,58		
	Oct. 27	1,89	+ 0,54	40,78	+ 0,56		
	Dec. 66	2,43		41,34			
765	Jan. 0	0 45 13,10	+ 0,63	88 3 0,83	+ 0,54	749	020
	Apr. 10	13,73	+ 0,76	1,37	+ 0,52		
	Jul. 19	14,49	+ 0,89	1,89	+ 0,48		
	Oct. 27	15,38	+ 1,01	2,37	+ 0,46		
	Dec. 66	16,39		2,83			
766	Jan. 0	0 45 26,97	+ 1,08	88 3 22,35	+ 0,43	695	388
	Apr. 10	28,05	+ 1,18	22,78	+ 0,38		
	Jul. 19	29,23	+ 1,27	23,16	+ 0,34		
	Oct. 27	30,50	+ 1,38	23,50	+ 0,29		
	Dec. 66	31,88		23,79			
767	Jan. 0	0 45 42,37	+ 1,43	88 3 43,37	+ 0,26	641	756
	Apr. 10	43,80	+ 1,49	43,63	+ 0,20		
	Jul. 19	45,29	+ 1,53	43,83	+ 0,16		
	Oct. 27	46,82	+ 1,60	43,99	+ 0,10		
	Dec. 66	48,42		44,09			
768	Jan. 1	0 45 58,90	+ 1,62	88 4 3,72	+ 0,07	588	124
	Apr. 10	46 0,52	+ 1,62	3,79	0,00		
	Jul. 19	2,14	+ 1,63	3,79	− 0,06		
	Oct. 27	3,77	+ 1,64	3,73	− 0,11		
	Dec. 66	5,41		3,62			
769	Jan. 0	0 46 15,94	+ 1,62	88 4 23,33	− 0,15	534	493
	Apr. 10	17,56	+ 1,59	23,18	− 0,20		
	Jul. 19	19,15	+ 1,54	22,98	− 0,26		
	Oct. 27	20,69	+ 1,50	22,72	− 0,32		
	Dec. 66	22,19		22,40			

Tabulae X. Sect. I. *α Ursae minoris.*

	Corr. A. R. pro 1760		Variatio annua		Corr. Decl. pro 1760		Variatio annua		Mot. Arg ☉+☊	Mot. Arg ☽
	″	″	″		″	″	″			
Jan. 0	+ 2,88	−6,20	+0,0385	−168	+20,17	+0,41	−0,0009	+27	000	000
10	− 3,32	−6,18	+0,0217	−177	+20,58	−0,24	+0,0018	+28	026	36
20	− 9,50	−5,92	+0,0040	−179	+20,34	−0,87	+0,0046	+25	052	73
30	−15,42	−5,45	−0,0139	−175	+19,47	−1,48	+0,0071	+23	078	09
Febr. 9	−20,87	−4,74	−0,0314	−164	+17,99	−2,01	+0,0094	+19	103	46
19	−25,61	−3,87	−0,0478	−148	+15,98	−2,44	+0,0113	+17	129	82
Mart. 1	−29,48	−2,84	−0,0626	−122	+13,54	−2,79	+0,0130	+11	155	19
11	−32,32	−1,71	−0,0748	− 91	+10,75	−3,00	+0,0141	+ 6	181	55
21	−34,03	−0,53	−0,0839	− 61	+ 7,75	−3,09	+0,0147	+ 2	207	92
31	−34,56	+0,67	−0,0900	− 29	+ 4,66	−3,07	+0,0149	− 4	233	28
Apr. 10	−33,89	+1,81	−0,0929	+ 7	+ 1,59	−2,91	+0,0145	− 8	258	65
20	−32,08	+2,88	−0,0922	+ 37	− 1,32	−2,65	+0,0137	−13	284	01
30	−29,20	+3,84	−0,0885	+ 71	− 3,97	−2,30	+0,0124	−16	310	38
Maj. 10	−25,36	+4,64	−0,0814	+ 97	− 6,27	−1,88	+0,0108	−19	336	74
20	−20,72	+5,29	−0,0717	+123	− 8,15	−1,39	+0,0089	−22	362	11
30	−15,43	+5,78	−0,0594	+143	− 9,54	−0,85	+0,0067	−25	388	47
Jun. 9	− 9,65	+6,09	−0,0451	+155	−10,39	−0,31	+0,0042	−24	413	84
19	− 3,56	+6,22	−0,0296	+174	−10,70	+0,25	+0,0018	−26	439	20
29	+ 2,66	+6,20	−0,0122	+180	−10,45	+0,80	−0,0008	−26	465	57
Jul. 9	+ 8,86	+6,02	+0,0058	+184	− 9,65	+1,33	−0,0034	−24	491	93
19	+14,88	+5,71	+0,0242	+179	− 8,32	+1,83	−0,0058	−24	517	50
29	+20,59	+5,27	+0,0421	+176	− 6,49	+2,29	−0,0082	−23	543	66
Aug. 8	+25,86	+4,73	+0,0597	+164	− 4,20	+2,69	−0,0105	−19	568	03
18	+30,59	+4,08	+0,0761	+159	− 1,51	+3,05	−0,0124	−17	594	39
28	+34,67	+3,36	+0,0920	+141	+ 1,54	+3,33	−0,0141	−13	620	76
Sept. 7	+38,03	+2,56	+0,1061	+120	+ 4,87	+3,57	−0,0154	−11	646	13
17	+40,59	+1,70	+0,1181	+103	+ 8,44	+3,72	−0,0165	− 7	672	49
27	+42,29	+0,80	+0,1284	+ 78	+12,16	+3,80	−0,0172	− 3	698	86
Oct. 7	+43,09	−0,12	+0,1362	+ 55	+15,96	+3,80	−0,0175	+ 1	723	23
17	+42,97	−1,09	+0,1417	+ 25	+19,76	+3,73	−0,0174	+ 5	749	59
27	+41,88	−2,02	+0,1442	− 4	+23,49	+3,55	−0,0169	+10	775	95
Nov. 6	+39,86	−2,96	+0,1438	− 32	+27,04	+3,30	−0,0159	+13	801	31
16	+36,90	−3,82	+0,1406	− 62	+30,34	+2,95	−0,0146	+17	827	67
26	+33,08	−4,61	+0,1344	− 91	+33,29	+2,52	−0,0129	+21	853	04
Dec. 6	+28,47	−5,27	+0,1253	−117	+35,81	+2,02	−0,0108	+23	879	41
16	+23,20	−5,80	+0,1136	−142	+37,83	+1,44	−0,0085	+25	904	78
26	+17,40	−6,12	+0,0994	−160	+39,27	+0,82	−0,0060	+28	930	15
36	+11,28		+0,0834		+40,09		−0,0032		956	52

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Dici reducto addendum est:

pro Culminatione superiori { ante / post } Apr. 1 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Oct. 4 { + 1,5 / + 2,5 }

Tabulae X. Sect. I. *α Ursae minoris.*

Motus Arg.		
Dies	⊙+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ⊙ + ☊		
Arg.	A. R.	Arg.
	″	
000	−0,02 +	500
010	−0,01 +	510
020	−0,01 +	520
030	−0,01 +	530
040	−0,01 +	540
050	0,00	550
060	0,00	560
070	0,00	570
080	0,00	580
090	+0,01 −	590
100	+0,01 −	600
110	+0,01 −	610
120	+0,02 −	620
130	+0,02 −	630
140	+0,02 −	640
150	+0,02 −	650
160	+0,02 −	660
170	+0,03 −	670
180	+0,03 −	680
190	+0,03 −	690
200	+0,03 −	700
210	+0,03 −	710
220	+0,04 −	720
230	+0,04 −	730
240	+0,04 −	740
250	+0,04 −	750
260	+0,04 −	760
270	+0,04 −	770
280	+0,04 −	780
290	+0,04 −	790
300	+0,04 −	800
310	+0,04 −	810
320	+0,04 −	820
330	+0,04 −	830
340	+0,04 −	840
350	+0,04 −	850
360	+0,04 −	860
370	+0,04 −	870
380	+0,04 −	880
390	+0,04 −	890
400	+0,03 −	900
410	+0,03 −	910
420	+0,03 −	920
430	+0,03 −	930
440	+0,03 −	940
450	+0,03 −	950
460	+0,02 −	960
470	+0,02 −	970
480	+0,02 −	980
490	+0,02 −	990

Arg. ☽			
Arg.	Arg.	A. R.	Decl.
		″	″
000	500	−0,17	+0,02
010	510	−0,17	+0,01
020	520	−0,17	0,00
030	530	−0,17	−0,01
040	540	−0,17	−0,02
050	550	−0,16	−0,03
060	560	−0,15	−0,04
070	570	−0,14	−0,05
080	580	−0,13	−0,06
090	590	−0,11	−0,06
100	600	−0,09	−0,07
110	610	−0,07	−0,07
120	620	−0,05	−0,08
130	630	−0,03	−0,08
140	640	−0,01	−0,08
150	650	+0,01	−0,08
160	660	+0,03	−0,08
170	670	+0,05	−0,07
180	680	+0,07	−0,07
190	690	+0,09	−0,07
200	700	+0,11	−0,06
210	710	+0,13	−0,05
220	720	+0,14	−0,05
230	730	+0,15	−0,04
240	740	+0,16	−0,03
250	750	+0,17	−0,02
260	760	+0,17	−0,01
270	770	+0,17	0,00
280	780	+0,17	+0,01
290	790	+0,17	+0,02
300	800	+0,16	+0,03
310	810	+0,15	+0,04
320	820	+0,14	+0,05
330	830	+0,13	+0,06
340	840	+0,11	+0,06
350	850	+0,09	+0,07
360	860	+0,07	+0,07
370	870	+0,05	+0,08
380	880	+0,03	+0,08
390	890	+0,01	+0,08
400	900	−0,01	+0,08
410	910	−0,03	+0,08
420	920	−0,05	+0,07
430	930	−0,07	+0,07
440	940	−0,09	+0,07
450	950	−0,11	+0,06
460	960	−0,13	+0,05
470	970	−0,14	+0,05
480	980	−0,15	+0,04
490	990	−0,16	+0,03

Tabulae X. Sect. I. *a Ursae minoris.*

	A. R. med.		Decl. med.	
	^{h} $'$ $''$	+	$^\circ$ $'$ $''$	+
1750	0 42 51,686	$''$ 10,166	87 58 2,556	$''$ 19,719
1751	43 1,852	10,214	58 22,275	19,716
1752	43 12,066	10,262	58 41,991	19,713
1753	43 22,328	10,310	59 1,704	19,710
1754	43 32,638	10,359	59 21,414	19,706
1755	43 42,997	10,408	59 41,120	19,704
1756	43 53,405	10,456	88 0 0,824	19,701
1757	44 3,861	10,507	0 20,525	19,697
1758	44 14,368	10,556	0 40,222	19,695
1759	44 24,924	10,606	0 59,917	19,691
1760	44 35,530	10,658	1 19,608	19,688
1761	44 46,188	10,708	1 39,296	19,685
1762	44 56,896	10,759	1 58,981	19,682
1763	45 7,655	10,811	2 18,663	19,679
1764	45 18,466	10,863	2 38,342	19,676
1765	45 29,329	10,916	2 58,018	19,672
1766	45 40,245	10,969	3 17,690	19,669
1767	45 51,214	11,022	3 37,359	19,666
1768	46 2,236	11,075	3 57,025	19,662
1769	46 13,311	11,130	4 16,687	19,659
1770	46 24,441		4 36,346	

Tabulae X. Sectio secunda.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque* α *Ursae minoris,*

ab Anno 1770 usque ad Annum 1790.

Tabulae X. Sect. II. *γ Pegasi.*

1770	Jan. 0	h 0	′ 1	″ 25,893	+13°	′ 54	″ 21,08	1780	Jan. 1	h 0	′ 1	″ 54,647	+13°	′ 57	″ 29,
	Apr. 10			25,877			20,88		Apr. 10			54,688			29,
	Jul. 19			25,852			20,63		Jul. 19			54,736			30.
	Oct. 27			25,820			20,33		Oct. 27			54,791			30.
	Dec. 66			25,777			19,98		Dec. 66			54,852			30.
1771	Jan. 0	0	1	28,865	+13	54	40,14	1781	Jan. 0	0	1	57,906	+13	57	50.
	Apr. 10			28,818			39,75		Apr. 10			57,972			51.
	Jul. 19			28,763			39,32		Jul. 19			58,043			51
	Oct. 27			28,701			38,85		Oct. 27			58,119			52
	Dec. 66			28,631			38,35		Dec. 66			58,200			52
1772	Jan. 1	0	1	31,729	+13	54	58,55	1782	Jan. 0	0	2	1,247	+13	58	12
	Apr. 10			31,655			58,02		Apr. 10			1,331			13
	Jul. 19			31,576			57,46		Jul. 19			1,418			13
	Oct. 27			31,492			56,88		Oct. 27			1,507			14
	Dec. 66			31,403			56,27		Dec. 66			1,599			15
1773	Jan. 0	0	1	34,507	+13	55	16,51	1783	Jan. 0	0	2	4,643	+13	58	34
	Apr. 10			34,416			15,89		Apr. 10			4,736			35
	Jul. 19			34,322			15,27		Jul. 19			4,828			36
	Oct. 27			34,226			14,64		Oct. 27			4,921			36
	Dec. 66			34,128			14,01		Dec. 66			5,014			37
1774	Jan. 0	0	1	37,235	+13	55	34,26	1784	Jan. 1	0	2	8,058	+13	58	57
	Apr. 10			37,137			33,63		Apr. 10			8,150			57
	Jul. 19			37,040			33,01		Jul. 19			8,240			58
	Oct. 27			36,944			32,42		Oct. 27			8,327			58
	Dec. 66			36,849			31,84		Dec. 66			8,411			59
1775	Jan. 0	0	1	39,954	+13	55	52,06	1785	Jan. 0	0	2	11,458	+13	59	1
	Apr. 10			39,861			51,50		Apr. 10			11,540			1
	Jul. 19			39,772			50,97		Jul. 19			11,616			2
	Oct. 27			39,687			50,48		Oct. 27			11,688			2
	Dec. 66			39,607			50,02		Dec. 66			11,754			2
1776	Jan. 1	0	1	42,708	+13	56	10,20	1786	Jan. 0	0	2	14,807	+13	59	4
	Apr. 10			42,632			9,78		Apr. 10			14,869			4
	Jul. 19			42,562			9,40		Jul. 19			14,925			4
	Oct. 27			42,498			9,06		Oct. 27			14,972			4
	Dec. 66			42,439			8,76		Dec. 66			15,013			4
1777	Jan. 0	0	1	45,532	+13	56	28,89	1787	Jan. 0	0	2	18,076	+14	0	
	Apr. 10			45,480			28,64		Apr. 10			18,111			
	Jul. 19			45,436			28,44		Jul. 19			18,138			
	Oct. 27			45,400			28,30		Oct. 27			18,156			
	Dec. 66			45,373			28,22		Dec. 66			18,166			
1778	Jan. 0	0	1	48,456	+13	56	48,28	1788	Jan. 1	0	2	21,239	+14	0	2
	Apr. 10			48,434			48,23		Apr. 10			21,243			2
	Jul. 19			48,421			48,24		Jul. 19			21,238			2
	Oct. 27			48,417			48,31		Oct. 27			21,224			2
	Dec. 66			48,422			48,44		Dec. 66			21,202			2
1779	Jan. 0	0	1	51,494	+13	57	8,42	1789	Jan. 0	0	2	24,286	+14	0	4
	Apr. 10			51,504			8,58		Apr. 10			24,257			4
	Jul. 19			51,523			8,79		Jul. 19			24,220			4
	Oct. 27			51,550			9,06		Oct. 27			24,175			4
	Dec. 66			51,585			9,37		Dec. 66			24,122			4

Tabulae X. Sect. II. *γ Pegasi.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
a 0	−0,165	−11,3	+ 3,69	− 7,8	+3	+2	1770	0 1 24,8607	+13 54 14,638
10	−0,277	−10,9	+ 2,86	− 8,9	+3	+2	1771	1 27,9344	54 34,673
20	−0,383	−10,1	+ 1,91	− 9,8	+3	+2	1772	1 31,0082	54 54,707
30	−0,479	− 8,8	+ 0,91	−10,2	+2	+2	1773	1 34,0821	55 14,742
ér. 9	−0,559	− 7,0	− 0,13	−10,2	+2	+2	1774	1 37,1561	55 34,776
							1775	1 40,2302	55 54,811
19	−0,618	− 4,6	− 1,13	− 9,6	+2	+2	1776	1 43,3044	56 14,845
t. 1	−0,651	− 1,8	− 2,05	− 8,5	+1	+2	1777	1 46,3787	56 34,879
11	−0,654	+ 1,6	− 2,83	− 6,9	0	+2	1778	1 49,4531	56 54,913
21	−0,620	+ 5,4	− 3,43	− 4,8	0	+1	1779	1 52,5276	57 14,947
31	−0,547	+ 9,4	− 3,79	− 2,2	−1	+1	1780	1 55,6022	57 34,980
							1781	1 58,6769	57 55,014
p 10	−0,433	+13,5	− 3,87	+ 0,7	−1	+1	1782	2 1,7517	58 15,047
20	−0,278	+17,6	− 3,66	+ 3,7	−2	0	1783	2 4,8266	58 35,080
30	−0,082	+21,5	− 3,13	+ 6,9	−2	0	1784	2 7,9016	58 55,114
a 10	+0,151	+24,9	− 2,28	+10,0	−2	−1	1785	2 10,9767	59 15,147
20	+0,416	+27,8	− 1,13	+13,1	−2	−1	1786	2 14,0519	59 35,179
							1787	2 17,1272	59 55,212
30	+0,707	+30,1	+ 0,31	+15,7	−2	−1	1788	2 20,2026	14 0 15,245
n 9	+1,017	+31,5	+ 1,99	+17,8	−3	−2	1789	2 23,2780	0 35,277
19	+1,337	+32,1	+ 3,87	+19,6	−2	−2	1790	2 26,3534	0 55,310
29	+1,659	+31,9	+ 5,91	+20,9	−2	−2			
il 9	+1,975	+30,9	+ 8,04	+21,5	−2	−2			
19	+2,276	+29,1	+10,21	+21,7	−2	−2			
29	+2,556	+26,5	+12,38	+21,4	−2	−2			
u 8	+2,806	+23,4	+14,48	+20,5	−1	−2			
18	+3,024	+20,0	+16,47	+19,2	−1	−2			
28	+3,205	+16,2	+18,31	+17,6	0	−2			
ep 7	+3,348	+12,4	+19,98	+15,7	0	−2			
17	+3,452	+ 8,5	+21,44	+13,6	+1	−1			
27	+3,518	+ 4,9	+22,69	+11,5	+1	−1			
ct 7	+3,549	+ 1,5	+23,74	+ 9,1	+2	−1			
17	+3,548	− 1,6	+24,51	+ 6,7	+2	0			
27	+3,518	− 4,2	+25,08	+ 4,6	+3	0			
ov 6	+3,465	− 6,4	+25,43	+ 2,5	+3	0			
16	+3,391	− 8,2	+25,57	+ 0,4	+4	+1			
26	+3,302	− 9,5	+25,50	− 1,7	+4	+1			
ec 6	+3,202	−10,5	+25,24	− 3,5	+4	+1			
16	+3,093	−11,1	+24,80	− 5,3	+4	+1			
26	+2,981	−11,3	+24,19	− 6,9	+4	+2			
36	+2,367	−11,4	+23,43	− 8,4	+4	+2			

Diei reducto addendum est:

ante } Mart. 20 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	1 54 16,448	+22 21 56,32	1780	Jan. 1	1 54 47,714	+22 24 43,
	Apr. 10	16,435	55,79		Apr. 10	47,754	44,
	Jul. 19	16,413	55,20		Jul. 19	47,802	44,
	Oct. 27	16,381	54,59		Oct. 27	47,858	45,
	Dec. 66	16,340	53,95		Dec. 66	47,922	46,
1771	Jan. 0	1 54 19,701	+22 22 11,63	1781	Jan. 0	1 54 51,247	+22 25 3,
	Apr. 10	19,653	10,98		Apr. 10	51,316	4,
	Jul. 19	19,597	10,32		Jul. 19	51,390	4,
	Oct. 27	19,533	9,64		Oct. 27	51,471	5,
	Dec. 66	19,461	8,95		Dec. 66	51,557	5
1772	Jan. 1	1 54 22,832	+22 22 26,65	1782	Jan. 0	1 54 54,875	+22 25 23
	Apr. 10	22,755	25,97		Apr. 10	54,965	23
	Jul. 19	22,671	25,29		Jul. 19	55,058	24
	Oct. 27	22,582	24,63		Oct. 27	55,154	24
	Dec. 66	22,487	23,98		Dec. 66	55,253	25
1773	Jan. 0	1 54 25,866	+22 22 41,66	1783	Jan. 0	1 54 58,567	+22 25 42
	Apr. 10	25,768	41,03		Apr. 10	58,668	43
	Jul. 19	25,667	40,43		Jul. 19	58,769	43
	Oct. 27	25,463	39,86		Oct. 27	58,871	44
	Dec. 66	25,457	39,33		Dec. 66	58,973	44
1774	Jan. 0	1 54 28,838	+22 22 56,96	1784	Jan. 1	1 55 2,287	+22 26 1
	Apr. 10	28,731	56,46		Apr. 10	2,389	2
	Jul. 19	28,625	56,00		Jul. 19	2,488	2
	Oct. 27	28,519	55,60		Oct. 27	2,585	2
	Dec. 66	28,414	55,24		Dec. 66	2,679	3
1775	Jan. 0	1 54 31,795	+22 23 12,81	1785	Jan. 0	1 55 5,996	+22 26 20
	Apr. 10	31,692	12,50		Apr. 10	6,088	20
	Jul. 19	31,593	12,24		Jul. 19	6,174	20
	Oct. 27	31,498	12,04		Oct. 27	6,255	20
	Dec. 66	31,407	11,91		Dec. 66	6,331	20
1776	Jan. 1	1 54 34,783	+22 23 29,40	1786	Jan. 0	1 55 9,655	+22 26 38
	Apr. 10	34,697	29,31		Apr. 10	9,727	38
	Jul. 19	34,617	29,28		Jul. 19	9,791	38
	Oct. 27	34,544	29,32		Oct. 27	9,848	37
	Dec. 66	34,476	29,41		Dec. 66	9,897	37
1777	Jan. 0	1 54 37,844	+22 23 46,83	1787	Jan. 0	1 55 13,230	+22 26 5
	Apr. 10	37,783	46,97		Apr. 10	13,273	5
	Jul. 19	37,730	47,17		Jul. 19	13,307	5
	Oct. 27	37,687	47,42		Oct. 27	13,332	5
	Dec. 66	37,652	47,74		Dec. 66	13,348	5
1778	Jan. 0	1 54 41,010	+22 24 5,08	1788	Jan. 1	1 55 16,693	+22 27 1
	Apr. 10	40,981	5,43		Apr. 10	16,702	1
	Jul. 19	40,962	5,83		Jul. 19	16,702	1
	Oct. 27	40,953	6,28		Oct. 27	16,692	
	Dec. 66	40,953	6,78		Dec. 66	16,672	
1779	Jan. 0	1 54 44,299	+22 24 24,05	1789	Jan. 0	1 55 20,029	+22 27 2
	Apr. 10	44,305	24,57		Apr. 10	20,002	2
	Jul. 19	44,321	25,13		Jul. 19	19,966	2
	Oct. 27	44,346	25,71		Oct. 27	19,921	2
	Dec. 66	44,379	26,32		Dec. 66	19,868	2

Tabulae X. Sect. II. *a Arietis.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
0	+0″,537	−10,6	+ 5″,88	− 2,4	+4	+1	1770	1 54 15,3130	+22 21 51,835
10	+0,421	−12,4	+ 5,55	− 4,1	+4	+1	1771	54 18,6586	22 9,304
20	+0,289	−13,8	+ 5,06	− 5,7	+4	+1	1772	54 22,0044	22 26,770
30	+0,145	−14,6	+ 4,42	− 7,1	+4	+2	1773	54 25,3504	22 44,233
9	−0,002	−14,5	+ 3,64	− 8,3	+3	+2	1774	54 28,6966	23 1,695
							1775	54 32,0430	23 19,154
19	−0,145	−13,7	+ 2,77	− 9,0	+3	+2	1776	54 35,3896	23 36,610
1	−0,275	−12,0	+ 1,85	− 9,3	+3	+2	1777	54 38,7364	23 54,064
11	−0,384	− 9,4	+ 0,92	− 9,2	+2	+2	1778	54 42,0834	24 11,516
21	−0,462	− 6,0	+ 0,02	− 8,5	+2	+2	1779	54 45,4306	24 28,965
31	−0,503	− 2,0	− 0,78	− 7,3	+1	+2	1780	54 48,7780	24 46,412
							1781	54 52,1256	25 3,857
0	−0,501	+ 2,6	− 1,43	− 5,6	0	+2	1782	54 55,4734	25 21,299
20	−0,452	+ 7,4	− 1,89	− 3,5	0	+1	1783	54 58,8214	25 38,738
30	−0,354	+12,2	− 2,13	− 1,1	−1	+1	1784	55 2,1696	25 56,176
0	−0,208	+16,9	− 2,10	+ 1,4	−1	0	1785	55 5,5180	26 13,611
20	−0,016	+21,3	− 1,80	+ 4,4	−1	0	1786	55 8,8666	26 31,043
							1787	55 12,2154	26 48,473
30	+0,218	+25,2	− 1,22	+ 7,2	−2	−1	1788	55 15,5644	27 5,901
9	+0,488	+28,4	− 0,36	+ 9,9	−2	−1	1789	55 18,9136	27 23,326
9	+0,786	+30,8	+ 0,75	+12,3	−2	−2	1790	55 22,2630	27 40,749
9	+1,104	+32,5	+ 2,09	+14,4	−2	−2			
9	+1,435	+33,3	+ 3,62	+16,0	−2	−2			
9	+1,769	+33,2	+ 5,29	+17,3	−2	−3			
9	+2,098	+32,3	+ 7,07	+18,1	−2	−3			
8	+2,415	+30,9	+ 8,91	+18,4	−2	−4			
8	+2,715	+28,8	+10,75	+18,3	−2	−4			
8	+2,991	+26,3	+12,57	+17,8	−1	−4			
7	+3,240	+23,4	+14,30	+16,9	−1	−4			
7	+3,459	+20,3	+15,94	+15,7	0	−4			
7	+3,646	+17,2	+17,44	+14,3	0	−4			
7	+3,802	+14,0	+18,79	+12,8	+1	−4			
7	+3,926	+10,8	+19,99	+11,1	+2	−4			
7	+4,017	+ 7,6	+21,01	+ 9,4	+2	−4			
6	+4,078	+ 4,6	+21,86	+ 7,6	+3	−4			
6	+4,108	+ 1,6	+22,53	+ 5,8	+4	−3			
6	+4,110	− 1,4	+23,02	+ 4,1	+4	−3			
6	+4,081	− 4,2	+23,34	+ 2,3	+5	−3			
6	+4,027	− 6,7	+23,48	+ 0,5	+5	−2			
6	+3,947	− 9,2	+23,44	− 1,3	+5	−2			
6	+3,843	−11,4	+23,22	− 3,0	+6	−2			

Diei reducto addendum est:

ante / post } Apr. 20 { + 1 / + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Ceti.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$			^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1770	Jan. 0	2 50 17,798	+ 3 10 32,27	1780	Jan. 1	2 50 47,061	+ 3 12 54,3
	Apr. 10	17,770	31,59		Apr. 10	47,112	55,0
	Jul. 19	17,734	30,89		Jul. 19	47,170	55,7
	Oct. 27	17,690	30,18		Oct. 27	47,234	56,3
	Dec. 66	17,637	29,45		Dec. 66	47,304	57,2
1771	Jan. 0	2 50 20,774	+ 3 10 44,35	1781	Jan. 0	2 50 50,398	+ 3 13 11,3
	Apr. 10	20,716	43,62		Apr. 10	50,472	12,
	Jul. 19	20,652	42,89		Jul. 19	50,551	12,8
	Oct. 27	20,581	42,17		Oct. 27	50,633	13,
	Dec. 66	20,503	41,46		Dec. 66	50,720	14,
1772	Jan. 1	2 50 23,648	+ 3 10 56,34	1782	Jan. 0	2 50 53,809	+ 3 13 28,
	Apr. 10	23,566	55,64		Apr. 10	53,898	29,
	Jul. 19	23,481	54,97		Jul. 19	53,989	29,
	Oct. 27	23,391	54,33		Oct. 27	54,081	30,
	Dec. 66	23,297	53,72		Dec. 66	54,175	30,
1773	Jan. 0	2 50 26,447	+ 3 11 8,56	1783	Jan. 0	2 50 57,262	+ 3 13 45,
	Apr. 10	26,351	7,98		Apr. 10	57,357	45,
	Jul. 19	26,254	7,44		Jul. 19	57,450	46,
	Oct. 27	26,156	6,92		Oct. 27	57,542	46,
	Dec. 66	26,058	6,44		Dec. 66	57,633	46,
1774	Jan. 0	2 50 29,209	+ 3 11 21,22	1784	Jan. 1	2 51 0,722	+ 3 14 1,
	Apr. 10	29,111	20,87		Apr. 10	0,812	1,
	Jul. 19	29,015	20,57		Jul. 19	0,898	1,
	Oct. 27	28,921	20,31		Oct. 27	0,980	1,
	Dec. 66	28,829	20,09		Dec. 66	1,059	1
1775	Jan. 0	2 50 31,977	+ 3 11 34,78	1785	Jan. 0	2 51 4,153	+ 3 14 16
	Apr. 10	31,888	34,62		Apr. 10	4,228	16
	Jul. 19	31,804	34,53		Jul. 19	4,298	16
	Oct. 27	31,725	34,51		Oct. 27	4,362	16
	Dec. 66	31,651	34,54		Dec. 66	4,420	15
1776	Jan. 1	2 50 34,793	+ 3 11 49,15	1786	Jan. 0	2 51 7,521	+ 3 14 30
	Apr. 10	34,726	49,24		Apr. 10	7,574	30
	Jul. 19	34,663	49,40		Jul. 19	7,619	30
	Oct. 27	34,608	49,62		Oct. 27	7,657	29
	Dec. 66	34,559	49,90		Dec. 66	7,688	29
1777	Jan. 0	2 50 37,692	+ 3 12 4,43	1787	Jan. 0	2 51 10,798	+ 3 14 44
	Apr. 10	37,650	4,76		Apr. 10	10,822	45
	Jul. 19	37,617	5,14		Jul. 19	10,838	45
	Oct. 27	37,592	5,58		Oct. 27	10,845	45
	Dec. 66	37,576	6,07		Dec. 66	10,844	45
1778	Jan. 0	2 50 40,699	+ 3 12 20,53	1788	Jan. 1	2 51 13,965	+ 3 14 56
	Apr. 10	40,689	21,05		Apr. 10	13,957	56
	Jul. 19	40,687	21,61		Jul. 19	13,941	55
	Oct. 27	40,694	22,21		Oct. 27	13,915	54
	Dec. 66	40,710	22,85		Dec. 66	13,881	54
1779	Jan. 0	2 50 43,823	+ 3 12 37,26	1789	Jan. 0	2 51 17,013	+ 3 15 9
	Apr. 10	43,845	37,92		Apr. 10	16,973	8
	Jul. 19	43,875	38,59		Jul. 19	16,926	7
	Oct. 27	43,913	39,28		Oct. 27	16,871	6
	Dec. 66	43,959	39,99		Dec. 66	16,808	6

Tabulae X. Sect. II. *a Ceti.*

1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
							h ′ ″	° ′ ″
0	+0″,779	− 7,3	− 0″,64	− 7,3	+3	+1	1770 2 50 16,7837	+ 3 10 29,186
10	+0,693	− 9,9	− 1,35	− 6,8	+3	+1	1771 50 19,9016	10 43,833
20	+0,582	−12,0	− 2,00	− 6,2	+3	+1	1772 50 23,0196	10 58,477
30	+0,453	−13,6	− 2,58	− 5,3	+3	+1	1773 50 26,1377	11 13,118
9	+0,310	−14,6	− 3,06	− 4,3	+3	+1	1774 50 29,2559	11 27,756
							1775 50 32,3742	11 42,390
19	+0,161	−14,8	− 3,44	− 3,2	+3	+1	1776 50 35,4926	11 57,021
1	+0,014	−14,1	− 3,70	− 1,9	+3	+1	1777 50 38,6111	12 11,649
11	−0,121	−12,5	− 3,82	− 0,4	+2	+1	1778 50 41,7297	12 26,274
21	−0,236	−10,1	− 3,78	+ 1,2	+2	+1	1779 50 44,8484	12 40,896
31	−0,322	− 6,9	− 3,58	+ 3,0	+2	0	1780 50 47,9672	12 55,515
							1781 50 51,0861	13 10,131
10	−0,374	− 3,2	− 3,18	+ 5,0	+1	0	1782 50 54,2051	13 24,743
20	−0,385	+ 1,2	− 2,58	+ 7,1	+1	0	1783 50 57,3242	13 39,352
30	−0,351	+ 5,7	− 1,77	+ 9,1	0	−1	1784 51 0,4434	13 53,958
a. 10	−0,272	+10,2	− 0,76	+11,2	0	−1	1785 51 3,5626	14 8,561
20	−0,147	+14,7	+ 0,46	+13,1	−1	−1	1786 51 6,6820	14 23,161
							1787 51 9,8015	14 37,757
0	+0,021	+18,8	+ 1,86	+14,8	−1	−2	1788 51 12,9211	14 52,351
n. 9	+0,228	+22,4	+ 3,41	+16,2	−1	−2	1789 51 16,0408	15 6,941
9	+0,469	+25,4	+ 5,09	+17,2	−2	−2	1790 51 19,1604	15 21,528
9	+0,736	+27,8	+ 6,85	+17,8	−2	−3		
l. 9	+1,025	+29,5	+ 8,64	+17,8	−2	−3		
9	+1,325	+30,3	+10,41	+17,4	−2	−3		
9	+1,631	+30,6	+12,11	+16,4	−2	−3		
ug 8	+1,937	+30,0	+13,69	+15,0	−2	−3		
8	+2,231	+28,9	+15,10	+13,2	−2	−3		
8	+2,514	+27,4	+16,32	+11,0	−2	−3		
ept 7	+2,778	+25,4	+17,29	+ 8,5	−2	−3		
7	+3,021	+23,1	+18,02	+ 6,0	−1	−3		
7	+3,240	+20,6	+18,48	+ 3,4	−1	−3		
ct. 7	+3,433	+17,9	+18,69	+ 0,9	−1	−3		
7	+3,598	+15,1	+18,65	− 1,4	0	−3		
7	+3,735	+12,3	+18,41	− 3,4	0	−3		
ov. 6	+3,843	+ 9,4	+17,97	− 5,1	+1	−3		
6	+3,922	+ 6,5	+17,40	− 6,3	+2	−3		
6	+3,972	+ 3,5	+16,72	− 7,1	+2	−3		
ec. 6	+3,991	+ 0,4	+15,98	− 7,6	+3	−2		
6	+3,980	− 2,7	+15,21	− 7,7	+3	−2		
6	+3,938	− 5,6	+14,44	− 7,6	+3	−2		
6	+3,869	− 8,3	+13,70	− 7,2	+4	−2		

Diei reducto addendum est:

ante / post } Maj. 5 { + 1 / + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	4 22 45,914	+ 16 1 39,01	1780	Jan. 1	4 23 18,019	+ 16 3 1
	Apr. 10	45,888	38,21		Apr. 10	18,072	1
	Jul. 19	45,852	37,41		Jul. 19	18,132	2
	Oct. 27	45,807	36,62		Oct. 27	18,199	3
	Dec. 66	45,753	35,84		Dec. 66	18,274	3
1771	Jan. 0	4 22 49,196	+ 16 1 44,18	1781	Jan. 0	4 23 21,673	+ 16 3 11
	Apr. 10	49,136	43,42		Apr. 10	21,752	12
	Jul. 19	49,069	42,69		Jul. 19	21,835	12
	Oct. 27	48,995	41,99		Oct. 27	21,924	13
	Dec. 66	48,911	41,33		Dec. 66	22,017	14
1772	Jan. 1	4 22 52,363	+ 16 1 49,62	1782	Jan. 0	4 23 25,411	+ 16 3 21
	Apr. 10	52,276	48,99		Apr. 10	25,507	22
	Jul. 19	52,184	48,41		Jul. 19	25,605	22
	Oct. 27	52,087	47,88		Oct. 27	25,705	23
	Dec. 66	51,986	47,41		Dec. 66	25,808	23
1773	Jan. 0	4 22 55,445	+ 16 1 55,63	1783	Jan. 0	4 23 29,199	+ 16 3 31
	Apr. 10	55,341	55,21		Apr. 10	29,302	31
	Jul. 19	55,235	54,85		Jul. 19	29,405	31
	Oct. 27	55,128	54,56		Oct. 27	29,507	31
	Dec. 66	55,020	54,34		Dec. 66	29,608	31
1774	Jan. 0	4 22 58,480	+ 16 2 2,48	1784	Jan. 1	4 23 32,999	+ 16 3 39
	Apr. 10	58,372	2,31		Apr. 10	33,099	39
	Jul. 19	58,266	2,21		Jul. 19	33,195	39
	Oct. 27	58,161	2,19		Oct. 27	33,287	39
	Dec. 66	58,059	2,25		Dec. 66	33,376	39
1775	Jan. 0	4 23 1,517	+ 16 2 10,29	1785	Jan. 0	4 23 36,772	+ 16 3 4
	Apr. 10	1,417	10,40		Apr. 10	36,858	4
	Jul. 19	1,323	10,58		Jul. 19	36,937	4
	Oct. 27	1,234	10,83		Oct. 27	37,008	4
	Dec. 66	1,150	11,16		Dec. 66	37,073	4
1776	Jan. 1	4 23 4,602	+ 16 2 19,11	1786	Jan. 0	4 23 40,480	+ 16 3 5
	Apr. 10	4,523	19,48		Apr. 10	40,542	5
	Jul. 19	4,451	19,91		Jul. 19	40,596	5
	Oct. 27	4,388	20,41		Oct. 27	40,641	5
	Dec. 66	4,332	20,96		Dec. 66	40,678	5
1777	Jan. 0	4 23 7,774	+ 16 2 28,83	1787	Jan. 0	4 23 44,092	+ 16 4
	Apr. 10	7,724	29,42		Apr. 10	44,123	3 5
	Jul. 19	7,683	30,05		Jul. 19	44,144	5
	Oct. 27	7,652	30,72		Oct. 27	44,156	5
	Dec. 66	7,630	31,44		Dec. 66	44,158	5
1778	Jan. 0	4 23 11,061	+ 16 2 39,25	1788	Jan. 1	4 23 47,584	+ 16 4
	Apr. 10	11,045	39,99		Apr. 10	47,579	
	Jul. 19	11,040	40,74		Jul. 19	47,565	
	Oct. 27	11,044	41,51		Oct. 27	47,541	
	Dec. 66	11,058	42,30		Dec. 66	47,508	
1779	Jan. 0	4 23 14,477	+ 16 2 50,08	1789	Jan. 0	4 23 50,946	+ 16 4 1
	Apr. 10	14,497	50,87		Apr. 10	50,906	
	Jul. 19	14,526	51,66		Jul. 19	50,858	
	Oct. 27	14,564	52,44		Oct. 27	50,800	
	Dec. 66	14,611	53,21		Dec. 66	50,734	

Tabulae X. Sect. II. *a Tauri.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	+1,206	— 0,6	+ 1,32	— 2,5	+2	—1	1770	4 22 44,7909	+16 1 38,601
10	+1,180	— 4,7	+ 1,07	— 2,6	+2	—1	1771	22 48,2148	1 46,684
20	+1,113	— 8,5	+ 0,81	— 2,6	+3	—1	1772	22 51,6388	1 54,763
30	+1,011	—11,6	+ 0,56	— 2,6	+3	0	1773	22 55,0629	2 2,837
r. 9	+0,878	—14,5	+ 0,30	— 2,7	+3	0	1774	22 58,4871	2 10,907
							1775	23 1,9113	2 18,972
19	+0,721	—16,3	+ 0,03	— 2,8	+3	0	1776	23 5,3357	2 27,033
t. 1	+0,552	—17,2	— 0,25	— 2,8	+4	0	1777	23 8,7602	2 35,089
11	+0,378	—17,0	— 0,53	— 2,7	+3	0	1778	23 12,1848	2 43,140
21	+0,212	—15,8	— 0,79	— 2,5	+3	0	1779	23 15,6095	2 51,187
31	+0,063	—13,6	— 1,02	— 2,1	+3	0	1780	23 19,0344	2 59,229
							1781	23 22,4593	3 7,267
10	—0,059	—10,4	— 1,20	— 1,5	+3	0	1782	23 25,8844	3 15,300
20	—0,145	— 6,6	— 1,31	— 0,6	+2	0	1783	23 29,3096	3 23,328
30	—0,191	— 2,3	— 1,31	+ 0,6	+2	0	1784	23 32,7349	3 31,352
10	—0,191	+ 2,4	— 1,19	+ 1,9	+1	0	1785	23 36,1602	3 39,371
20	—0,144	+ 7,1	— 0,93	+ 3,3	+1	0	1786	23 39,5857	3 47,386
							1787	23 43,0113	3 55,396
30	—0,049	+11,7	— 0,53	+ 4,8	0	0	1788	23 46,4370	4 3,402
9	+0,090	+16,0	+ 0,02	+ 6,3	0	—1	1789	23 49,8628	4 11,403
19	+0,271	+19,9	+ 0,72	+ 7,6	—1	—1	1790	23 53,2888	4 19,399
29	+0,488	+23,2	+ 1,54	+ 8,7	—1	—1			
9	+0,735	+26,0	+ 2,46	+ 9,6	—2	—2			
19	+1,008	+28,1	+ 3,46	+10,2	—2	—2			
29	+1,297	+29,6	+ 4,50	+10,4	—2	—3			
8	+1,599	+30,5	+ 5,54	+10,3	—2	—3			
18	+1,906	+30,8	+ 6,55	+ 9,8	—2	—3			
28	+2,214	+30,6	+ 7,49	+ 8,9	—2	—4			
7	+2,518	+30,0	+ 8,32	+ 7,7	—2	—4			
17	+2,813	+29,0	+ 9,03	+ 6,4	—2	—4			
27	+3,097	+27,7	+ 9,59	+ 4,9	—2	—5			
7	+3,366	+26,1	+10,01	+ 3,5	—2	—5			
17	+3,618	+24,2	+10,28	+ 2,0	—1	—5			
27	+3,849	+22,0	+10,41	+ 0,8	—1	—5			
6	+4,057	+19,5	+10,43	— 0,3	0	—5			
16	+4,238	+16,6	+10,35	— 1,2	0	—5			
26	+4,389	+13,4	+10,19	— 1,8	+1	—6			
6	+4,506	+ 9,9	+ 9,99	— 2,2	+2	—6			
16	+4,586	+ 6,1	+ 9,76	— 2,4	+2	—6			
26	+4,627	+ 2,0	+ 9,51	— 2,5	+3	—5			
36	+4,626	— 2,1	+ 9,26	— 2,5	+3	—5			

Diei reducto addendum est:

ante / post } Maj. 28 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Aurigae.*

		h $'$ $''$	$°$ $'$ $''$
1770	Jan. 0	4 59 45,496	+45 44 16,65
	Apr. 10	45,468	15,84
	Jul. 19	45,428	15,04
	Oct. 27	45,376	14,26
	Dec. 66	45,312	13,49
1771	Jan. 0	4 59 49,739	+45 44 18,53
	Apr. 10	49,667	17,79
	Jul. 19	49,585	17,09
	Oct. 27	49,493	16,43
	Dec. 66	49,390	15,81
1772	Jan. 1	4 59 53,830	+45 44 20,79
	Apr. 10	53,721	20,22
	Jul. 19	53,606	19,70
	Oct. 27	53,484	19,23
	Dec. 66	53,356	18,85
1773	Jan. 0	4 59 57,804	+45 44 23,75
	Apr. 10	57,672	23,41
	Jul. 19	57,537	23,14
	Oct. 27	57,400	22,94
	Dec. 66	57,260	22,82
1774	Jan. 0	5 0 1,712	+45 44 27,62
	Apr. 10	1,572	27,55
	Jul. 19	1,434	27,56
	Oct. 27	1,298	27,65
	Dec. 66	1,165	27,81
1775	Jan. 0	5 0 5,614	+45 44 32,51
	Apr. 10	5,483	32,73
	Jul. 19	5,358	33,02
	Oct. 27	5,240	33,37
	Dec. 66	5,128	33,80
1776	Jan. 1	5 0 9,569	+45 44 38,41
	Apr. 10	9,463	38,88
	Jul. 19	9,366	39,41
	Oct. 27	9,279	39,99
	Dec. 66	9,201	40,63
1777	Jan. 0	5 0 13,631	+45 44 45,16
	Apr. 10	13,561	45,83
	Jul. 19	13,503	46,54
	Oct. 27	13,457	47,28
	Dec. 66	13,423	48,05
1778	Jan. 0	5 0 17,838	+45 44 52,54
	Apr. 10	17,812	53,32
	Jul. 19	17,798	54,12
	Oct. 27	17,797	54,93
	Dec. 66	17,809	55,75
1779	Jan. 0	5 0 22,209	+45 45 0,21
	Apr. 10	22,229	1,02
	Jul. 19	22,260	1,82
	Oct. 27	22,304	2,61
	Dec. 66	22,359	3,38

		h $'$ $''$	$°$ $'$ $''$
1780	Jan. 1	5 0 26,745	+45 45 7,35
	Apr. 10	26,807	8,60
	Jul. 19	26,879	9,31
	Oct. 27	26,961	9,98
	Dec. 66	27,053	10,62
1781	Jan. 0	5 0 31,427	+45 45 15,14
	Apr. 10	31,525	15,74
	Jul. 19	31,629	16,29
	Oct. 27	31,740	16,78
	Dec. 66	31,857	17,22
1782	Jan. 0	5 0 36,223	+45 45 21,80
	Apr. 10	36,345	22,20
	Jul. 19	36,470	22,53
	Oct. 27	36,598	22,79
	Dec. 66	36,729	22,98
1783	Jan. 0	5 0 41,091	+45 45 27,64
	Apr. 10	41,224	27,79
	Jul. 19	41,356	27,86
	Oct. 27	41,488	27,87
	Dec. 66	41,620	27,80
1784	Jan. 1	5 0 45,982	+45 45 32,53
	Apr. 10	46,112	32,42
	Jul. 19	46,238	32,23
	Oct. 27	46,361	31,97
	Dec. 66	46,479	31,64
1785	Jan. 0	5 0 50,845	+45 45 36,46
	Apr. 10	50,958	36,09
	Jul. 19	51,064	35,66
	Oct. 27	51,162	35,17
	Dec. 66	51,253	34,62
1786	Jan. 0	5 0 55,630	+45 45 39,50
	Apr. 10	55,715	38,91
	Jul. 19	55,789	38,28
	Oct. 27	55,853	37,61
	Dec. 66	55,906	36,89
1787	Jan. 0	5 1 0,296	+45 45 41,82
	Apr. 10	0,342	41,08
	Jul. 19	0,375	40,31
	Oct. 27	0,397	39,52
	Dec. 66	0,406	38,71
1788	Jan. 1	5 1 4,811	+45 45 43,67
	Apr. 10	4,811	42,85
	Jul. 19	4,799	42,04
	Oct. 27	4,775	41,23
	Dec. 66	4,738	40,42
1789	Jan. 0	5 1 9,159	+45 45 45,36
	Apr. 10	9,113	44,56
	Jul. 19	9,056	43,79
	Oct. 27	8,987	43,05
	Dec. 66	8,906	42,33

Tabulae X. Sect. II. *α Aurigae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
0	+1,811	+ 2,4	+4,37	+13,9	+3	— 4	1770	4 59 44,0346	+45 44 17,360
10	+1,804	— 3,7	+5,71	+12,7	+4	— 4	1771	59 48,4385	44 22,148
20	+1,737	— 9,6	+6,91	+11,0	+5	— 4	1772	59 52,8426	44 26,929
30	+1,613	—15,9	+7,91	+ 8,9	+5	— 3	1773	59 57,2469	44 31,704
9	+1,440	—19,3	+8,68	+ 6,3	+6	— 3	1774	5 0 1,6514	44 36,473
							1775	0 6,0560	44 41,236
19	+1,228	—22,5	+9,16	+ 3,4	+6	— 2	1776	0 10,4608	44 45,992
1	+0,990	—24,5	+9,35	+ 0,4	+6	— 1	1777	0 14,8658	44 50,743
11	+0,739	—25,0	+9,24	— 2,7	+6	0	1778	0 19,2710	44 55,487
21	+0,490	—24,1	+8,82	— 5,6	+6	0	1779	0 23,6764	45 0,224
31	+0,258	—21,7	+8,13	— 8,2	+6	+ 1	1780	0 28,0820	45 4,956
							1781	0 32,4878	45 9,681
10	+0,056	—18,1	+7,19	—10,4	+5	+ 1	1782	0 36,8937	45 14,401
20	—0,104	—13,5	+6,06	—12,0	+4	+ 2	1783	0 41,2998	45 19,114
30	—0,213	— 8,0	+4,79	—13,2	+4	+ 2	1784	0 45,7061	45 23,820
10	—0,264	— 2,1	+3,43	—13,7	+3	+ 2	1785	0 50,1126	45 28,521
20	—0,254	+ 4,2	+2,05	—13,7	+2	+ 2	1786	0 54,5193	45 33,215
							1787	0 58,9262	45 37,903
30	—0,181	+10,4	+0,70	—13,1	+1	+ 2	1788	1 3,3332	45 42,585
9	—0,047	+16,3	—0,57	—12,2	0	+ 2	1789	1 7,7404	45 47,261
19	+0,144	+21,7	—1,73	—10,7	—1	+ 2	1790	1 12,1478	45 51,930
29	+0,387	+26,6	—2,71	— 9,0	—2	+ 1			
9	+0,676	+30,9	—3,53	— 7,2	—2	0			
19	+1,004	+34,3	—4,15	— 5,2	—3	0			
29	+1,362	+37,0	—4,56	— 3,1	—3	— 1			
8	+1,744	+39,0	—4,77	— 1,1	—4	— 2			
18	+2,142	+40,3	—4,78	+ 0,9	—4	— 3			
28	+2,549	+40,9	—4,59	+ 2,8	—4	— 4			
7	+2,959	+41,0	—4,23	+ 4,5	—4	— 5			
17	+3,368	+40,5	—3,70	+ 6,1	—4	— 5			
27	+3,769	+39,6	—3,01	+ 7,6	—4	— 6			
7	+4,159	+38,2	—2,18	+ 9,0	—3	— 7			
17	+4,532	+36,2	—1,21	+10,3	—3	— 8			
27	+4,882	+33,7	—0,12	+11,6	—2	— 9			
6	+5,206	+30,7	+1,10	+12,7	—1	— 9			
16	+5,495	+26,9	+2,41	+13,6	0	—10			
26	+5,744	+22,6	+3,81	+14,3	+1	—10			
6	+5,947	+17,7	+5,26	+14,7	+2	—11			
16	+6,097	+12,1	+6,74	+14,8	+3	—11			
26	+6,189	+ 6,2	+8,21	+14,4	+4	—11			
36	+6,221	+ 0,1	+9,62	+13,5	+5	—10			

Diei reducto addendum est:

ante } Jun. 6 { +1
post } { +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Orionis.*

		h ′ ″	° ′ ″
1770	Jan. 0	5 3 30,500	— 8 29 3,26
	Apr. 10	30,471	4,08
	Jul. 19	30,434	4,87
	Oct. 27	30,390	5,65
	Dec. 66	30,338	6,41
1771	Jan. 0	5 3 33,232	— 8 29 1,29
	Apr. 10	33,176	2,03
	Jul. 19	33,113	2,73
	Oct. 27	33,045	3,38
	Dec. 66	32,971	3,99
1772	Jan. 1	5 3 35,872	— 8 28 58,93
	Apr. 10	35,795	59,50
	Jul. 19	35,714	29 0,01
	Oct. 27	35,625	0,46
	Dec. 66	35,542	0,85
1773	Jan. 0	5 3 38,448	— 8 28 55,87
	Apr. 10	38,359	56,20
	Jul. 19	38,269	56,47
	Oct. 27	38,179	56,66
	Dec. 66	38,088	56,79
1774	Jan. 0	5 3 40,995	— 8 28 51,91
	Apr. 10	40,904	51,95
	Jul. 19	40,816	51,92
	Oct. 27	40,731	51,82
	Dec. 66	40,648	51,65
1775	Jan. 0	5 3 43,552	— 8 28 46,87
	Apr. 10	43,471	46,64
	Jul. 19	43,396	46,34
	Oct. 27	43,325	45,98
	Dec. 66	43,260	45,54
1776	Jan. 1	5 3 46,157	— 8 28 40,85
	Apr. 10	46,096	40,36
	Jul. 19	46,042	39,82
	Oct. 27	45,996	39,23
	Dec. 66	45,958	38,59
1777	Jan. 0	5 3 48,847	— 8 28 33,97
	Apr. 10	48,810	33,29
	Jul. 19	48,781	32,58
	Oct. 27	48,762	31,84
	Dec. 66	48,752	31,06
1778	Jan. 0	5 3 51,631	— 8 28 26,49
	Apr. 10	51,625	25,70
	Jul. 19	51,628	24,90
	Oct. 27	51,639	24,09
	Dec. 66	51,658	23,27
1779	Jan. 0	5 3 54,527	— 8 28 18,71
	Apr. 10	54,551	17,90
	Jul. 19	54,583	17,10
	Oct. 27	54,621	16,32
	Dec. 66	54,667	15,55
1780	Jan. 1	5 3 57,528	— 8 28 10,97
	Apr. 10	57,578	10,2[illegible]
	Jul. 19	57,634	9,5[illegible]
	Oct. 27	57,696	8,8[illegible]
	Dec. 66	57,764	8,2[illegible]
1781	Jan. 0	5 4 0,617	— 8 28 3,6[illegible]
	Apr. 10	0,688	3,0[illegible]
	Jul. 19	0,762	2,4[illegible]
	Oct. 27	0,840	1,9[illegible]
	Dec. 66	0,921	1,5[illegible]
1782	Jan. 0	5 4 3,771	— 8 27 56,8[illegible]
	Apr. 10	3,854	56,4[illegible]
	Jul. 19	3,938	56,1[illegible]
	Oct. 27	4,024	55,9[illegible]
	Dec. 66	4,111	55,7
1783	Jan. 0	5 4 6,958	— 8 27 50,9
	Apr. 10	7,045	50,8
	Jul. 19	7,130	50,7
	Oct. 27	7,215	50,7
	Dec. 66	7,298	50,8
1784	Jan. 1	5 4 10,147	— 8 27 45,9
	Apr. 10	10,228	46,1
	Jul. 19	10,306	46,3
	Oct. 27	10,380	46,5
	Dec. 66	10,450	46,9
1785	Jan. 0	5 4 13,304	— 8 27 41,9
	Apr. 10	13,371	42,[illegible]
	Jul. 19	13,433	42,[illegible]
	Oct. 27	13,489	43,[illegible]
	Dec. 66	13,539	43,[illegible]
1786	Jan. 0	5 4 16,400	— 8 27 38,[illegible]
	Apr. 10	16,446	39,[illegible]
	Jul. 19	16,484	40,[illegible]
	Oct. 27	16,515	40,[illegible]
	Dec. 66	16,539	41,[illegible]
1787	Jan. 0	5 4 19,409	— 8 27 36,[illegible]
	Apr. 10	19,428	37,[illegible]
	Jul. 19	19,438	37,[illegible]
	Oct. 27	19,441	38,[illegible]
	Dec. 66	19,435	39,[illegible]
1788	Jan. 1	5 4 22,315	— 8 27 34,[illegible]
	Apr. 10	22,303	35,[illegible]
	Jul. 19	22,284	36,[illegible]
	Oct. 27	22,257	36,[illegible]
	Dec. 66	22,222	37,[illegible]
1789	Jan. 0	5 4 25,111	— 8 27 32,[illegible]
	Apr. 10	25,071	33,[illegible]
	Jul. 19	25,024	34,[illegible]
	Oct. 27	24,969	35,[illegible]
	Dec. 66	24,908	35,[illegible]

Tabulae X. Sect. II. *β Orionis.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h m s	° ′ ″
Jn. 0	+1,276	+ 1,3	— 2,95	—15,9	+1	+1	1770	5 3 29,5774	— 8 29 2,433
10	+1,267	— 3,0	— 4,48	—14,4	+2	+1	1771	3 32,4536	28 57,568
20	+1,217	— 7,0	— 5,83	—12,4	+2	+1	1772	3 35,3298	28 52,707
30	+1,128	—10,7	— 6,96	—10,2	+2	0	1773	3 38,2061	28 47,850
Febr. 9	+1,004	—13,8	— 7,87	— 7,9	+3	0	1774	3 41,0824	28 42,997
							1775	3 43,9587	28 38,149
19	+0,853	—16,1	— 8,53	— 5,4	+3	0	1776	3 46,8351	28 33,305
Mrt. 1	+0,683	—17,5	— 8,95	— 2,9	+3	0	1777	3 49,7115	28 28,465
11	+0,503	—18,0	— 9,11	— 0,4	+3	0	1778	3 52,5880	28 23,629
21	+0,323	—17,5	— 9,03	+ 2,1	+3	—1	1779	3 55,4645	28 18,797
31	+0,153	—16,0	— 8,69	+ 4,6	+3	—1	1780	3 58,3411	28 13,968
							1781	4 1,2177	28 9,144
Apr. 10	+0,003	—13,6	— 8,11	+ 7,0	+2	—1	1782	4 4,0943	28 4,325
20	—0,119	—10,5	— 7,29	+ 9,4	+2	—1	1783	4 6,9710	27 59,509
30	—0,207	— 6,8	— 6,24	+11,6	+2	—1	1784	4 9,8477	27 54,699
Mj. 10	—0,255	— 2,7	— 4,97	+13,7	+1	—2	1785	4 12,7246	27 49,891
20	—0,260	+ 1,7	— 3,50	+15,6	+1	—2	1786	4 15,6014	27 45,088
							1787	4 18,4783	27 40,289
30	—0,222	+ 6,0	— 1,86	+17,2	+1	—2	1788	4 21,3552	27 35,494
Jn. 9	—0,140	+10,2	— 0,07	+18,4	0	—2	1789	4 24,2322	27 30,703
19	—0,018	+14,2	+ 1,82	+19,2	0	—3	1790	4 27,1091	27 25,915
29	+0,143	+17,8	+ 3,76	+19,5	—1	—3			
Jl. 9	+0,337	+20,9	+ 5,71	+19,2	—1	—3			
19	+0,560	+23,4	+ 7,60	+18,4	—1	—3			
29	+0,805	+25,5	+ 9,38	+17,0	—2	—3			
Aug. 8	+1,069	+27,1	+10,99	+14,9	—2	—3			
18	+1,346	+28,0	+12,36	+12,4	—2	—3			
28	+1,628	+28,5	+13,46	+ 9,4	—2	—3			
Sept. 7	+1,915	+28,6	+14,23	+ 5,9	—2	—3			
17	+2,200	+28,3	+14,64	+ 2,3	—2	—3			
27	+2,480	+27,6	+14,68	— 1,5	—2	—3			
Oct. 7	+2,751	+26,5	+14,35	— 5,2	—2	—3			
17	+3,009	+25,0	+13,65	— 8,6	—2	—3			
27	+3,251	+23,2	+12,64	—11,6	—1	—3			
Nov. 6	+3,473	+21,0	+11,34	—14,1	—1	—3			
16	+3,671	+18,4	+ 9,82	—16,0	—1	—3			
26	+3,840	+15,3	+ 8,15	—17,2	0	—3			
Dec. 6	+3,977	+11,8	+ 6,39	—17,7	0	—3			
16	+4,076	+ 8,0	+ 4,62	—17,5	+1	—3			
26	+4,136	+ 3,9	+ 2,89	—16,7	+1	—3			
36	+4,154	— 0,3	+ 1,28	—15,4	+2	—3			

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. β *Tauri.*

		h $'$ $''$	° $'$ $''$			h $'$ $''$	° $'$ $''$	
1770	Jan. 0	5 11 47,286	+28 23 26,97		1780	Jan. 1	5 12 22,747	+28 24 10,
	Apr. 10	47,256	26,16			Apr. 10	22,806	11,
	Jul. 19	47,216	25,36			Jul. 19	22,872	12,
	Oct. 27	47,166	24,58			Oct. 27	22,947	12,
	Dec. 66	47,105	23,83			Dec. 66	23,030	13,
1771	Jan. 0	5 11 50,907	+28 23 28,06		1781	Jan. 0	5 12 26,783	+28 24 17,
	Apr. 10	50,840	27,33			Apr. 10	26,871	17,
	Jul. 19	50,765	26,64			Jul. 19	26,964	18,
	Oct. 27	50,681	26,00			Oct. 27	27,062	18,
	Dec. 66	50,589	25,40			Dec. 66	27,166	19,
1772	Jan. 1	5 11 54,402	+28 23 29,57		1782	Jan. 0	5 12 30,912	+28 24 23,
	Apr. 10	54,305	29,01			Apr. 10	31,019	23,
	Jul. 19	54,203	28,52			Jul. 19	31,128	23,
	Oct. 27	54,096	28,09			Oct. 27	31,239	23,
	Dec. 66	53,984	27,73			Dec. 66	31,352	24,
1773	Jan. 0	5 11 57,803	+28 23 31,81		1783	Jan. 0	5 12 35,096	+28 24 28,
	Apr. 10	57,688	31,49			Apr. 10	35,210	28,
	Jul. 19	57,571	31,25			Jul. 19	35,323	28,
	Oct. 27	57,453	31,09			Oct. 27	35,435	28,
	Dec. 66	57,333	31,00			Dec. 66	35,546	28,
1774	Jan. 0	5 12 1,155	+28 23 34,99		1784	Jan. 1	5 12 39,291	+28 24 31,
	Apr. 10	1,036	34,95			Apr. 10	39,401	31,
	Jul. 19	0,918	34,99			Jul. 19	39,506	31,
	Oct. 27	0,803	35,11			Oct. 27	39,608	31,
	Dec. 66	0,691	35,31			Dec. 66	39,705	30
1775	Jan. 0	5 12 4,509	+28 23 39,19		1785	Jan. 0	5 12 43,455	+28 24 35
	Apr. 10	4,399	39,44			Apr. 10	43,549	34
	Jul. 19	4,296	39,76			Jul. 19	43,636	34
	Oct. 27	4,198	40,15			Oct. 27	43,716	33
	Dec. 66	4,106	40,61			Dec. 66	43,788	33
1776	Jan. 1	5 12 7,917	+28 23 44,40		1786	Jan. 0	5 12 47,547	+28 24 37
	Apr. 10	7,830	44,90			Apr. 10	47,615	36
	Jul. 19	7,752	45,46			Jul. 19	47,673	35
	Oct. 27	7,683	46,07			Oct. 27	47,722	35
	Dec. 66	7,622	46,74			Dec. 66	47,761	34
1777	Jan. 0	5 12 11,423	+28 23 50,46		1787	Jan. 0	5 12 51,531	+28 24 38
	Apr. 10	11,369	51,15			Apr. 10	51,564	37
	Jul. 19	11,325	51,87			Jul. 19	51,587	37
	Oct. 27	11,291	52,63			Oct. 27	51,599	36
	Dec. 66	11,268	53,42			Dec. 66	51,600	35
1778	Jan. 0	5 12 15,056	+28 23 57,09		1788	Jan. 1	5 12 55,383	+28 24 39
	Apr. 10	15,040	57,89			Apr. 10	55,377	38
	Jul. 19	15,035	58,70			Jul. 19	55,361	37
	Oct. 27	15,041	59,52			Oct. 27	55,334	37
	Dec. 66	15,057	24 0,34			Dec. 66	55,296	36
1779	Jan. 0	5 12 18,832	+28 24 4,00		1789	Jan. 0	5 12 59,092	+28 24 40
	Apr. 10	18,855	4,81			Apr. 10	59,047	39
	Jul. 19	18,888	5,61			Jul. 19	58,992	38
	Oct. 27	18,931	6,39			Oct. 27	58,928	38
	Dec. 66	18,983	7,15			Dec. 66	58,854	37

Tabulae X. Sect. II. *β Tauri.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
J. 0	+1,464	+ 4,2	+ 1,71	+ 4,2	+1	−2	1770	5 11 46,0488	+28 23 28,041
10	+1,481	− 0,8	+ 2,12	+ 4,0	+2	−2	1771	11 49,8297	23 32,020
20	+1,449	− 5,6	+ 2,51	+ 3,6	+3	−2	1772	11 53,6106	23 35,994
30	+1,369	−10,1	+ 2,84	+ 3,0	+3	−2	1773	11 57,3916	23 39,963
Febr. 9	+1,248	−13,8	+ 3,10	+ 2,1	+4	−2	1774	12 1,1727	23 43,926
							1775	12 4,9540	23 47,884
19	+1,093	−16,8	+ 3,25	+ 0,9	+4	−1	1776	12 8,7353	23 51,836
Mrt. 1	+0,913	−18,7	+ 3,28	− 0,3	+4	−1	1777	12 12,5167	23 55,783
11	+0,720	−19,4	+ 3,19	− 1,6	+4	−1	1778	12 16,2982	23 59,725
21	+0,526	−18,9	+ 2,97	− 2,7	+4	0	1779	12 20,0798	24 3,661
31	+0,343	−17,2	+ 2,65	− 3,7	+4	0	1780	12 23,8614	24 7,592
							1781	12 27,6431	24 11,518
A. 10	+0,182	−14,6	+ 2,23	− 4,5	+4	0	1782	12 31,4249	24 15,438
20	+0,052	−11,0	+ 1,75	− 5,0	+3	+1	1783	12 35,2068	24 19,353
30	−0,038	− 6,8	+ 1,24	− 5,1	+3	+1	1784	12 38,9888	24 23,262
Mj. 10	−0,083	− 2,1	+ 0,74	− 4,9	+2	+1	1785	12 42,7710	24 27,166
20	−0,079	+ 2,9	+ 0,27	− 4,4	+2	+1	1786	12 46,5532	24 31,065
							1787	12 50,3355	24 34,958
30	−0,025	+ 7,9	− 0,14	− 3,6	+1	+1	1788	12 54,1179	24 38,846
Jn 9	+0,079	+12,7	− 0,45	− 2,6	0	0	1789	12 57,9004	24 42,728
19	+0,228	+17,1	− 0,66	− 1,5	0	0	1790	13 1,6828	24 46,604
29	+0,420	+21,1	− 0,75	− 0,4	−1	0			
Jn 9	+0,649	+24,5	− 0,73	+ 0,8	−1	−1			
19	+0,910	+27,3	− 0,59	+ 1,9	−2	−1			
29	+1,195	+29,5	− 0,36	+ 2,7	−2	−2			
Aug. 8	+1,500	+31,2	− 0,05	+ 3,4	−3	−2			
18	+1,819	+32,3	+ 0,32	+ 3,9	−3	−3			
28	+2,146	+32,9	+ 0,73	+ 4,2	−3	−3			
Sept. 7	+2,477	+33,1	+ 1,16	+ 4,3	−3	−4			
17	+2,808	+32,9	+ 1,58	+ 4,2	−3	−4			
27	+3,134	+32,3	+ 2,00	+ 4,1	−3	−5			
Oct. 7	+3,453	+31,3	+ 2,39	+ 3,8	−3	−6			
17	+3,760	+30,0	+ 2,76	+ 3,6	−2	−6			
27	+4,052	+28,2	+ 3,11	+ 3,5	−2	−6			
Nov. 6	+4,324	+26,0	+ 3,46	+ 3,5	−2	−7			
16	+4,572	+23,3	+ 3,81	+ 3,6	−1	−7			
26	+4,789	+20,0	+ 4,17	+ 3,7	0	−7			
Dec. 6	+4,972	+16,2	+ 4,55	+ 3,9	0	−8			
16	+5,113	+11,9	+ 4,95	+ 4,1	+1	−8			
26	+5,210	+ 7,4	+ 5,37	+ 4,2	+2	−8			
36	+5,258	+ 2,3	+ 5,79	+ 4,1	+3	−8			

Diei reducto addendum est:

ante / post } Jun. 9 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Orionis.*

1770	Jan. 0	5h 42′ 44″,566	+ 7° 20′ 39″,42	1780	Jan. 1	5h 43′ 15″,024	+ 7° 21′ 0″,29
	Apr. 10	44,535	38,61		Apr. 10	15,079	1,00
	Jul. 19	44,496	37,83		Jul. 19	15,140	1,66
	Oct. 27	44,449	37,08		Oct. 27	15,208	2,27
	Dec. 66	44,393	36,36		Dec. 66	15,282	2,84
1771	Jan. 0	5 42 47,656	+ 7 20 38,10	1781	Jan. 0	5 43 18,500	+ 7 21 4,11
	Apr. 10	47,594	37,41		Apr. 10	18,578	4,64
	Jul. 19	47,526	36,77		Jul. 19	18,660	5,11
	Oct. 27	47,451	36,18		Oct. 27	18,747	5,52
	Dec. 66	47,370	35,64		Dec. 66	18,838	5,86
1772	Jan. 1	5 42 50,641	+ 7 20 37,31	1782	Jan. 0	5 43 22,051	+ 7 21 7,20
	Apr. 10	50,556	36,81		Apr. 10	22,144	7,50
	Jul. 19	50,466	36,39		Jul. 19	22,238	7,73
	Oct. 27	50,372	36,03		Oct. 27	22,334	7,89
	Dec. 66	50,274	35,74		Dec. 66	22,432	7,97
1773	Jan. 0	5 42 53,551	+ 7 20 37,52	1783	Jan. 0	5 43 25,643	+ 7 21 9,39
	Apr. 10	53,451	37,08		Apr. 10	25,741	9,43
	Jul. 19	53,350	36,93		Jul. 19	25,837	9,39
	Oct. 27	53,248	36,85		Oct. 27	25,933	9,28
	Dec. 66	53,146	36,84		Dec. 66	26,027	9,10
1774	Jan. 0	5 42 56,424	+ 7 20 38,32	1784	Jan. 1	5 43 29,240	+ 7 21 10,61
	Apr. 10	56,322	38,37		Apr. 10	29,332	10,38
	Jul. 19	56,222	38,50		Jul. 19	29,421	10,08
	Oct. 27	56,125	38,71		Oct. 27	29,506	9,71
	Dec. 66	56,031	38,99		Dec. 66	29,587	9,28
1775	Jan. 0	5 42 59,305	+ 7 20 40,37	1785	Jan. 0	5 43 32,804	+ 7 21 10,37
	Apr. 10	59,213	40,70		Apr. 10	32,882	10,40
	Jul. 19	59,127	41,10		Jul. 19	32,953	9,87
	Oct. 27	59,046	41,57		Oct. 27	33,018	9,29
	Dec. 66	58,971	42,10		Dec. 66	33,076	8,65
1776	Jan. 1	5 43 2,239	+ 7 20 43,39	1786	Jan. 0	5 43 36,302	+ 7 21 10,30
	Apr. 10	2,168	43,96		Apr. 10	36,356	9,63
	Jul. 19	2,105	44,58		Jul. 19	36,401	8,92
	Oct. 27	2,049	45,25		Oct. 27	36,439	8,18
	Dec. 66	2,001	45,97		Dec. 66	36,468	7,40
1777	Jan. 0	5 43 5,260	+ 7 20 47,20	1787	Jan. 0	5 43 39,704	+ 7 21 9,09
	Apr. 10	5,218	47,94		Apr. 10	39,727	8,30
	Jul. 19	5,185	48,70		Jul. 19	39,742	7,49
	Oct. 27	5,161	49,49		Oct. 27	39,747	6,67
	Dec. 66	5,146	50,31		Dec. 66	39,744	5,84
1778	Jan. 0	5 43 8,393	+ 7 20 51,50	1788	Jan. 1	5 43 42,990	+ 7 21 7,54
	Apr. 10	8,385	52,33		Apr. 10	42,980	6,71
	Jul. 19	8,385	53,15		Jul. 19	42,961	5,89
	Oct. 27	8,394	53,97		Oct. 27	42,933	5,08
	Dec. 66	8,413	54,79		Dec. 66	42,896	4,30
1779	Jan. 0	5 43 11,649	+ 7 20 55,98	1789	Jan. 0	5 43 46,154	+ 7 21 5,98
	Apr. 10	11,674	56,79		Apr. 10	46,111	5,21
	Jul. 19	11,707	57,58		Jul. 19	46,060	4,47
	Oct. 27	11,748	58,34		Oct. 27	46,001	3,77
	Dec. 66	11,798	59,07		Dec. 66	45,934	3,12

Tabulae X. Sect. II. *α Orionis.*

1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
							h ′ ″	° ′ ″
0	+1″,349	+ 6,2	− 1″,28	− 8,7	+1	−1	1770 5 42 43,5176	+ 7 20 41,395
10	+1,388	+ 1,6	− 2,10	− 7,7	+1	−1	1771 42 46,7612	20 42,897
20	+1,380	− 3,0	− 2,82	− 6,6	+2	−1	1772 42 50,0049	20 44,394
30	+1,329	− 7,2	− 3,41	− 5,4	+2	−1	1773 42 53,2486	20 45,886
9	+1,236	−11,0	− 3,90	− 4,3	+3	−1	1774 42 56,4923	20 47,374
							1775 42 59,7360	20 48,856
19	+1,110	−14,0	− 4,27	− 3,1	+3	−1	1776 43 2,9798	20 50,334
1	+0,957	−16,2	− 4,52	− 2,1	+3	−1	1777 43 6,2236	20 51,807
11	+0,787	−17,3	− 4,68	− 1,1	+3	−1	1778 43 9,4674	20 53,276
21	+0,611	−17,4	− 4,74	− 0,1	+3	−1	1779 43 12,7113	20 54,740
31	+0,439	−16,5	− 4,69	+ 1,0	+3	−1	1780 43 15,9552	20 56,200
							1781 43 19,1991	20 57,655
10	+0,282	−14,5	− 4,55	+ 2,0	+3	−1	1782 43 22,4431	20 59,105
20	+0,149	−11,8	− 4,30	+ 3,1	+3	−1	1783 43 25,6871	21 0,550
30	+0,046	− 8,5	− 3,93	+ 4,3	+2	−1	1784 43 28,9311	21 1,990
10	−0,020	− 4,6	− 3,45	+ 5,4	+2	−1	1785 43 32,1752	21 3,425
20	−0,045	− 0,4	− 2,85	+ 6,6	+1	−1	1786 43 35,4193	21 4,856
							1787 43 38,6634	21 6,282
30	−0,028	+ 3,9	− 2,14	+ 7,7	+1	−1	1788 43 41,9075	21 7,703
9	+0,032	+ 8,1	− 1,31	+ 8,8	+1	−1	1789 43 45,1517	21 9,120
9	+0,133	+12,0	− 0,39	+ 9,6	0	−2	1790 43 48,3959	21 10,532
9	+0,271	+15,6	+ 0,61	+10,2	0	−2		
9	+0,445	+18,9	+ 1,65	+10,5	−1	−2		
9	+0,648	+21,6	+ 2,71	+10,5	−1	−2		
9	+0,877	+24,2	+ 3,75	+10,1	−2	−2		
8	+1,127	+25,8	+ 4,72	+ 9,2	−2	−3		
8	+1,393	+27,2	+ 5,59	+ 8,0	−2	−3		
8	+1,671	+28,2	+ 6,31	+ 6,3	−2	−3		
7	+1,956	+28,8	+ 6,84	+ 4,3	−3	−3		
7	+2,246	+29,1	+ 7,17	+ 2,2	−3	−4		
7	+2,537	+29,0	+ 7,28	− 0,1	−3	−4		
7	+2,826	+28,6	+ 7,15	− 2,4	−3	−4		
7	+3,109	+27,8	+ 6,80	− 4,6	−2	−4		
7	+3,382	+26,6	+ 6,24	− 6,5	−2	−4		
6	+3,641	+25,0	+ 5,51	− 8,0	−2	−4		
6	+3,881	+22,8	+ 4,65	− 9,1	−1	−5		
6	+4,097	+20,1	+ 3,69	− 9,8	−1	−5		
6	+4,283	+16,9	+ 2,69	−10,0	0	−5		
6	+4,435	+13,2	+ 1,70	− 9,8	0	−5		
6	+4,546	+ 8,9	+ 0,74	− 9,2	+1	−5		
6	+4,613	+ 4,4	− 0,14	− 8,3	+1	−5		

Diei reducto addendum est:

ante } Jun. 17 { + 1
post } { + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Canis majoris.*

1770	Jan. 0	6 35 1,503	—16 25 1,19	1780	Jan. 1	6 35 26,287	—16 25 35,54
	Apr. 10	1,480	1,94		Apr. 10	26,331	34,91
	Jul. 19	1,450	2,66		Jul. 19	26,380	34,34
	Oct. 27	1,413	3,34		Oct. 27	26,434	33,83
	Dec. 66	1,368	3,97		Dec. 66	26,494	33,37
1771	Jan. 0	6 35 4,027	—16 25 8,06	1781	Jan. 0	6 35 29,117	—16 25 37,85
	Apr. 10	3,978	8,66		Apr. 10	29,181	37,43
	Jul. 19	3,923	9,20		Jul. 19	29,248	37,08
	Oct. 27	3,862	9,68		Oct. 27	29,319	36,80
	Dec. 66	3,796	10,10		Dec. 66	29,393	36,59
1772	Jan. 1	6 35 6,463	—16 25 14,26	1782	Jan. 0	6 35 32,011	—16 25 40,99
	Apr. 10	6,393	14,63		Apr. 10	32,087	40,82
	Jul. 19	6,319	14,93		Jul. 19	32,165	40,73
	Oct. 27	6,242	15,15		Oct. 27	32,244	40,71
	Dec. 66	6,162	15,30		Dec. 66	32,325	40,76
1773	Jan. 0	6 35 8,833	—16 25 19,56	1783	Jan. 0	6 35 34,942	—16 25 45,08
	Apr. 10	8,751	19,65		Apr. 10	35,023	45,18
	Jul. 19	8,668	19,67		Jul. 19	35,103	45,35
	Oct. 27	8,584	19,62		Oct. 27	35,182	45,59
	Dec. 66	8,499	19,49		Dec. 66	35,261	45,90
1774	Jan. 0	6 35 11,171	—16 25 23,85	1784	Jan. 1	6 35 37,879	—16 25 50,14
	Apr. 10	11,087	23,64		Apr. 10	37,956	50,49
	Jul. 19	11,004	23,37		Jul. 19	38,030	50,91
	Oct. 27	10,923	23,03		Oct. 27	38,101	51,39
	Dec. 66	10,844	22,62		Dec. 66	38,169	51,93
1775	Jan. 0	6 35 13,514	—16 25 27,08	1785	Jan. 0	6 35 40,791	—16 25 56,09
	Apr. 10	13,437	26,62		Apr. 10	40,856	57,67
	Jul. 19	13,364	26,11		Jul. 19	40,917	57,29
	Oct. 27	13,296	25,53		Oct. 27	40,972	57,96
	Dec. 66	13,232	24,90		Dec. 66	41,022	58,67
1776	Jan. 1	6 35 15,897	—16 25 29,43	1786	Jan. 0	6 35 43,650	—16 26 2,73
	Apr. 10	15,836	28,77		Apr. 10	43,696	3,52
	Jul. 19	15,782	28,06		Jul. 19	43,736	4,28
	Oct. 27	15,734	27,32		Oct. 27	43,769	5,06
	Dec. 66	15,693	26,55		Dec. 66	43,796	5,87
1777	Jan. 0	6 35 18,350	—16 25 31,13	1787	Jan. 0	6 35 46,431	—16 26 9,96
	Apr. 10	18,313	30,34		Apr. 10	46,453	10,77
	Jul. 19	18,284	29,53		Jul. 19	46,467	11,59
	Oct. 27	18,262	28,71		Oct. 27	46,473	12,41
	Dec. 66	18,248	27,88		Dec. 66	46,472	13,23
1778	Jan. 0	6 35 20,896	—16 25 32,48	1788	Jan. 1	6 35 49,117	—16 26 17,3
	Apr. 10	20,887	31,65		Apr. 10	49,111	18,1
	Jul. 19	20,885	30,84		Jul. 19	49,098	18,9
	Oct. 27	20,891	30,04		Oct. 27	49,077	19,6
	Dec. 66	20,904	29,26		Dec. 66	49,049	20,3
1779	Jan. 0	6 35 23,542	—16 25 33,84	1789	Jan. 0	6 35 51,702	—16 26 24,5
	Apr. 10	23,561	33,07		Apr. 10	51,668	25,2
	Jul. 19	23,586	32,34		Jul. 19	51,628	25,8
	Oct. 27	23,618	31,65		Oct. 27	51,581	26,4
	Dec. 66	23,657	30,99		Dec. 66	51,528	27,0

Tabulae X. Sect. II. *α Canis majoris.*

1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
″	″	″	″				h ′ ″	° ′ ″
+1,426	+ 9,0	− 1,83	−23,7	0	+1	1770	6 35 0,6303	−16 24 57,763
+1,492	+ 4,2	− 4,15	−22,2	+1	+1	1771	35 3,2741	25 2,057
+1,509	− 0,8	− 6,27	−20,1	+1	+1	1772	35 5,9179	25 6,356
+1,477	− 5,5	− 8,17	−17,7	+1	0	1773	35 8,5617	25 10,658
+1,400	− 9,7	− 9,81	−15,0	+2	0	1774	35 11,2056	25 14,964
						1775	35 13,8496	25 19,274
+1,283	−13,4	−11,16	−11,9	+2	0	1776	35 16,4935	25 23,588
+1,133	−16,2	−12,19	− 8,8	+2	0	1777	35 19,1373	25 27,905
+0,959	−18,2	−12,91	− 5,6	+2	−1	1778	35 21,7812	25 32,226
+0,770	−19,1	−13,31	− 2,5	+3	−1	1779	35 24,4250	25 36,551
+0,577	−19,0	−13,40	+ 0,7	+2	−1	1780	35 27,0689	25 40,880
						1781	35 29,7128	25 45,213
+0,390	−18,0	−13,17	+ 3,8	+2	−1	1782	35 32,3567	25 49,549
+0,218	−16,1	−12,64	+ 6,8	+2	−2	1783	35 35,0006	25 53,890
+0,069	−13,5	−11,82	+ 9,6	+2	−2	1784	35 37,6445	25 58,234
−0,051	−10,3	−10,72	+12,2	+2	−2	1785	35 40,2884	26 2,581
−0,136	− 6,7	− 9,38	+14,6	+2	−2	1786	35 42,9323	26 6,933
						1787	35 45,5762	26 11,288
−0,184	− 2,8	− 7,81	+16,7	+1	−3	1788	35 48,2201	26 15,648
−0,192	+ 1,2	− 6,04	+18,4	+1	−3	1789	35 50,8641	26 20,011
−0,161	+ 5,1	− 4,14	+19,6	0	−3	1790	35 53,5080	26 24,378
−0,091	+ 8,8	− 2,12	+20,4	0	−3			
+0,015	+12,4	− 0,06	+20,5	0	−3			
+0,156	+15,6	+ 1,98	+20,0	−1	−3			
+0,327	+18,5	+ 3,94	+18,9	−1	−3			
+0,526	+21,1	+ 5,75	+17,0	−1	−3			
+0,749	+23,3	+ 7,34	+14,5	−2	−3			
+0,992	+25,2	+ 8,65	+11,4	−2	−3			
+1,253	+26,7	+ 9,62	+ 7,7	−2	−3			
+1,526	+27,9	+10,19	+ 3,6	−2	−3			
+1,810	+28,7	+10,33	− 0,8	−2	−3			
+2,100	+29,1	+10,03	− 5,2	−2	−3			
+2,391	+29,0	+ 9,29	− 9,6	−2	−2			
+2,679	+28,4	+ 8,12	−13,7	−2	−2			
+2,958	+27,2	+ 6,56	−17,2	−2	−2			
+3,223	+25,5	+ 4,68	−20,2	−2	−2			
+3,467	+23,0	+ 2,53	−22,4	−1	−2			
+3,683	+19,9	+ 0,20	−23,8	−1	−2			
+3,864	+16,1	− 2,23	−24,4	−1	−2			
+4,005	+11,8	− 4,68	−24,2	0	−2			
+4,100	+ 7,2	− 7,06	−23,3	0	−3			

Diei reducto addendum est:

ante / post } Jun. 29 { +1 / +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. α *Geminorum.*

		h ′ ″	° ′ ″			h ′ ″	° ′
1770	Jan. 0	7 19 54,508	+32 22 9,46	1780	Jan. 1	7 20 30,748	+32 21
	Apr. 10	54,460	8,78		Apr. 10	30,823	
	Jul. 19	54,402	8,15		Jul. 19	30,906	
	Oct. 27	54,334	7,57		Oct. 27	30,995	
	Dec. 66	54,257	7,03		Dec. 66	31,092	
1771	Jan. 0	7 19 58,133	+32 22 0,27	1781	Jan. 0	7 20 34,908	+32 21
	Apr. 10	58,050	21 59,77		Apr. 10	35,008	
	Jul. 19	57,959	59,34		Jnl. 19	35,113	
	Oct. 27	57,861	58,98		Oct. 27	35,222	
	Dec. 66	57,756	58,68		Dec. 66	35,334	
1772	Jan. 1	7 20 1,642	+32 21 51,84	1782	Jan. 0	7 20 39,145	+32 20
	Apr. 10	1,533	51,59		Apr. 10	39,260	
	Jul. 19	1,420	51,42		Jul. 19	39,375	
	Oct. 27	1,303	51,32		Oct. 27	39,491	
	Dec. 66	1,183	51,30		Dec. 66	39,608	
1773	Jan. 0	7 20 5,073	+32 21 44,36	1783	Jan. 0	7 20 43,417	+32 20
	Apr. 10	4,951	44,39		Apr. 10	43,533	
	Jul. 19	4,829	44,50		Jul. 19	43,647	
	Oct. 27	4,707	44,68		Oct. 27	43,758	
	Dec. 66	4,586	44,94		Dec. 66	43,867	
1774	Jan. 0	7 20 8,476	+32 21 37,90	1784	Jan. 1	7 20 47,680	+32 20
	Apr. 10	8,356	38,21		Apr. 10	47,786	
	Jul. 19	8,240	38,58		Jul. 19	47,886	
	Oct. 27	8,128	39,02		Oct. 27	47,981	
	Dec. 66	8,020	39,53		Dec. 66	48,070	
1775	Jan. 0	7 20 11,904	+32 21 32,40	1785	Jan. 0	7 20 51,889	+32 20
	Apr. 10	11,800	32,95		Apr. 10	51,974	
	Jul. 19	11,704	33,54		Jul. 19	52,050	
	Oct. 27	11,615	34,19		Oct. 27	52,118	
	Dec. 66	11,534	34,88		Dec. 66	52,178	
1776	Jan. 1	7 20 15,409	+32 21 27,69	1786	Jan. 0	7 20 56,007	+32 20
	Apr. 10	15,334	28,41		Apr. 10	56,060	
	Jul. 19	15,268	29,15		Jul. 19	56,104	
	Oct. 27	15,213	29,92		Oct. 27	56,137	
	Dec. 66	15,167	30,72		Dec. 66	56,160	
1777	Jan. 0	7 20 19,030	+32 21 25,49	1787	Jan. 0	7 21 0,001	+32 20
	Apr. 10	18,991	24,29		Apr. 10	0,017	
	Jul. 19	18,964	25,09		Jul. 19	0,022	
	Oct. 27	18,947	25,90		Oct. 27	0,016	
	Dec. 66	18,942	26,71		Dec. 66	20 59,999	
1778	Jan. 0	7 20 22,791	+32 21 19,47	1788	Jan. 1	7 21 3,854	+32 20
	Apr. 10	22,793	20,27		Apr. 10	3,829	
	Jul. 19	22,806	21,04		Jul. 19	3,794	
	Oct. 27	22,830	21,79		Oct. 27	3,749	
	Dec. 66	22,864	22,51		Dec. 66	3,693	
1779	Jan. 0	7 20 26,701	+32 21 15,30	1789	Jan. 0	7 21 7,560	+32 19
	Apr. 10	26,742	16,00		Apr. 10	7,498	
	Jul. 19	26,793	16,65		Jul. 19	7,426	
	Oct. 27	26,854	17,26		Oct. 27	7,345	
	Dec. 66	26,924	17,83		Dec. 66	7,255	

Tabulae X. Sect. II. *α Geminorum.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
ıı 0	+1,584	+18,4	− 3,82	+ 3,6	−1	−3	1770	7 19 53,2965	+32 22 13,988
10	+1,742	+12,9	− 3,38	+ 4,7	−1	−3	1771	19 57,1463	22 7,058
20	+1,842	+ 7,1	− 2,78	+ 6,6	0	−3	1772	20 0,9959	22 0,123
30	+1,884	+ 1,3	− 2,07	+ 7,4	+1	−4	1773	20 4,8454	21 53,183
el. 9	+1,867	− 4,4	− 1,30	+ 7,9	+1	−4	1774	20 8,6948	21 46,238
							1775	20 12,5441	21 39,287
19	+1,797	− 9,3	− 0,50	+ 7,9	+2	−4	1776	20 16,3932	21 32,331
la. 1	+1,681	−13,6	+ 0,27	+ 7,4	+3	−3	1777	20 20,2422	21 25,370
11	+1,526	−16,8	+ 0,97	+ 6,4	+3	−3	1778	20 24,0911	21 18,403
21	+1,346	−18,7	+ 1,55	+ 5,1	+3	−3	1779	20 27,9399	21 11,431
31	+1,152	−19,6	+ 1,99	+ 3,6	+4	−2	1780	20 31,7885	21 4,454
							1781	20 35,6370	20 57,472
pı 10	+0,955	−19,2	+ 2,27	+ 2,0	+4	−2	1782	20 39,4854	20 50,484
20	+0,768	−17,8	+ 2,38	+ 0,3	+4	−2	1783	20 43,3337	20 43,491
30	+0,600	−15,4	+ 2,32	− 1,4	+4	−1	1784	20 47,1818	20 36,493
a. 10	+0,461	−12,2	+ 2,11	− 2,8	+3	−1	1785	20 51,0299	20 29,490
20	+0,356	− 8,5	+ 1,76	− 4,1	+3	−1	1786	20 54,8778	20 22,481
							1787	20 58,7256	20 15,467
30	+0,291	− 4,4	+ 1,29	− 5,2	+3	0	1788	21 2,5733	20 8,448
n. 9	+0,269	− 0,1	+ 0,73	− 6,0	+2	0	1789	21 6,4208	20 1,424
9	+0,290	+ 4,2	+ 0,10	− 6,5	+1	0	1790	21 10,2681	19 54,394
9	+0,353	+ 8,4	− 0,57	− 6,9	+1	0			
l. 9	+0,457	+12,4	− 1,28	− 7,2	0	0			
9	+0,600	+16,1	− 2,01	− 7,4	−1	0			
9	+0,778	+19,4	− 2,75	− 7,4	−1	0			
g. 8	+0,988	+22,4	− 3,49	− 7,5	−2	0			
8	+1,226	+25,1	− 4,24	− 7,6	−3	−1			
8	+1,490	+27,5	− 5,00	− 7,6	−3	−1			
7	+1,776	+29,6	− 5,76	− 7,6	−4	−1			
7	+2,082	+31,5	− 6,52	− 7,7	−4	−2			
7	+2,405	+33,0	− 7,29	− 7,6	−5	−2			
t. 7	+2,742	+34,3	− 8,04	− 7,4	−5	−3			
7	+3,090	+35,1	− 8,77	− 7,1	−5	−4			
7	+3,443	+35,4	− 9,45	− 6,4	−5	−4			
v. 6	+3,797	+35,1	−10,05	− 5,5	−5	−5			
6	+4,145	+34,1	−10,55	− 4,4	−5	−6			
6	+4,478	+32,2	−10,92	− 2,9	−5	−6			
c. 6	+4,789	+29,6	−11,12	− 1,2	−4	−7			
6	+5,069	+26,0	−11,15	+ 0,6	−4	−7			
6	+5,308	+21,5	−11,00	+ 2,5	−3	−8			
6	+5,498	+16,4	−10,66	+ 4,2	−2	−8			

Diei reducto addendum est:

ante } Jul. 11 { + 1
post } { + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Canis minoris.*

		^{h} $'$ $''$	° $'$ $''$
1770	Jan. 0	7 27 16,047	+ 5 47 47,20
	Apr. 10	16,015	46,53
	Jul. 19	15,974	45,91
	Oct. 27	15,925	45,35
	Dec. 66	15,867	44,83
1771	Jan. 0	7 27 19,037	+ 5 47 36,47
	Apr. 10	18,974	35,99
	Jul. 19	18,905	35,58
	Oct. 27	18,830	35,24
	Dec. 66	18,747	34,96
1772	Jan. 1	7 27 21,925	+ 5 47 26,51
	Apr. 10	21,839	26,28
	Jul. 19	21,749	26,13
	Oct. 27	21,655	26,06
	Dec. 66	21,558	26,06
1773	Jan. 0	7 27 24,740	+ 5 47 17,51
	Apr. 10	24,641	17,56
	Jul. 19	24,542	17,69
	Oct. 27	24,441	17,89
	Dec. 66	24,340	18,17
1774	Jan. 0	7 27 27,523	+ 5 47 9,53
	Apr. 10	27,423	9,86
	Jul. 19	27,325	10,25
	Oct. 27	27,230	10,70
	Dec. 66	27,138	11,22
1775	Jan. 0	7 27 30,318	+ 5 47 2,50
	Apr. 10	30,228	3,06
	Jul. 19	30,144	3,66
	Oct. 27	30,066	4,31
	Dec. 66	29,993	5,01
1776	Jan. 1	7 27 33,166	+ 5 46 56,23
	Apr. 10	33,098	56,95
	Jul. 19	33,037	57,70
	Oct. 27	32,985	58,47
	Dec. 66	32,940	59,27
1777	Jan. 0	7 27 36,103	+ 5 46 50,45
	Apr. 10	36,064	51,25
	Jul. 19	36,034	52,05
	Oct. 27	36,013	52,85
	Dec. 66	36,000	53,65
1778	Jan. 0	7 27 39,152	+ 5 46 44,83
	Apr. 10	39,146	45,62
	Jul. 19	39,149	46,38
	Oct. 27	39,161	47,11
	Dec. 66	39,182	47,82
1779	Jan. 0	7 27 42,323	+ 5 46 39,03
	Apr. 10	42,350	39,72
	Jul. 19	42,385	40,35
	Oct. 27	42,428	40,94
	Dec. 66	42,479	41,49
1780	Jan. 1	7 27 45,610	+ 5 46 32,75
	Apr. 10	45,666	33,26
	Jul. 19	45,728	33,70
	Oct. 27	45,797	34,09
	Dec. 66	45,872	34,41
1781	Jan. 0	7 27 48,995	+ 5 46 25,74
	Apr. 10	49,073	26,02
	Jul. 19	49,156	26,23
	Oct. 27	49,242	26,37
	Dec. 66	49,332	26,45
1782	Jan. 0	7 27 52,451	+ 5 46 17,86
	Apr. 10	52,543	17,88
	Jul. 19	52,637	17,83
	Oct. 27	52,732	17,71
	Dec. 66	52,828	17,51
1783	Jan. 0	7 27 55,945	+ 5 46 9,00
	Apr. 10	56,041	8,73
	Jul. 19	56,136	8,49
	Oct. 27	56,230	8,15
	Dec. 66	56,322	7,70
1784	Jan. 1	7 27 59,440	+ 5 45 59,27
	Apr. 10	59,531	58,80
	Jul. 19	59,617	58,29
	Oct. 27	59,699	57,73
	Dec. 66	59,777	57,10
1785	Jan. 0	7 28 2,900	+ 5 45 48,73
	Apr. 10	2,975	48,07
	Jul. 19	3,044	47,39
	Oct. 27	3,206	46,66
	Dec. 66	3,161	45,91
1786	Jan. 0	7 28 6,292	+ 5 45 37,58
	Apr. 10	6,343	36,81
	Jul. 19	6,385	36,03
	Oct. 27	6,420	35,23
	Dec. 66	6,447	34,44
1787	Jan. 0	7 28 9,588	+ 5 45 26,11
	Apr. 10	9,609	25,31
	Jul. 19	9,621	24,53
	Oct. 27	9,623	23,73
	Dec 66	9,617	22,96
1788	Jan. 1	7 28 12,769	+ 5 45 14,6
	Apr. 10	12,757	13,9
	Jul. 19	12,736	13,1
	Oct. 27	12,706	12,3
	Dec. 66	12,667	11,8
1789	Jan. 0	7 28 15,829	+ 5 45 3,4
	Apr. 10	15,784	2,8
	Jul. 19	15,732	2,3
	Oct. 27	15,671	1,8
	Dec. 66	15,603	1,4

Tabulae X. Sect. II. *α Canis minoris.*

1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
″	″	″	″				h ′ ″	° ′ ″
+1,341	+15,8	− 2,36	−13,1	−1	0	1770	7 27 15,0219	+ 5 47 51,888
+1,477	+11,2	− 3,60	−11,7	0	0	1771	27 18,1713	47 43,360
+1,564	+ 6,2	− 4,69	−10,1	0	−1	1772	27 21,3206	47 34,828
+1,601	+ 1,2	− 5,61	− 8,3	+1	−1	1773	27 24,4699	47 26,292
+1,588	− 3,6	− 6,34	− 6,5	+1	−1	1774	27 27,6191	47 17,751
						1775	27 30,7683	47 9,206
+1,530	− 7,8	− 6,90	− 4,7	+2	−1	1776	27 33.9174	47 0,657
+1,432	−11,5	− 7,28	− 3,1	+2	−2	1777	27 37,0665	46 52,104
+1,301	−14,2	− 7,52	− 1,7	+2	−2	1778	27 40,2156	46 43,547
+1,149	−15,9	− 7,61	− 0,4	+3	−2	1779	27 43,3646	46 34,985
+0,983	−16,7	− 7,59	+ 0,8	+3	−2	1780	27 46,5136	46 26,418
						1781	27 49,6625	46 17,848
+0,816	−16,4	− 7,45	+ 1,9	+3	−2	1782	27 52,8114	46 9,274
+0,655	−15,3	− 7,22	+ 2,8	+3	−2	1783	27 55,9603	46 0,696
+0,510	−13,4	− 6,89	+ 3,8	+3	−2	1784	27 59,1091	45 52,113
+0,388	−10,8	− 6,47	+ 4,6	+2	−2	1785	28 2,2578	45 43,525
+0,294	− 7,8	− 5,97	+ 5,4	+2	−2	1786	28 5,4065	45 34,934
						1787	28 8,5552	45 26,338
+0,233	− 4,4	− 5,40	+ 6,1	+2	−2	1788	28 11,7038	45 17,738
+0,206	− 1,0	− 4,75	+ 6,8	+1	−2	1789	28 14,8524	45 9,134
+0,214	+ 2,6	− 4,04	+ 7,3	+1	−2	1790	28 18,0010	45 0,527
+0,258	+ 6,1	− 3,30	+ 7,6	+1	−2			
+0,335	+ 9,4	− 2,52	+ 7,7	0	−2			
+0,445	+12,5	− 1,76	+ 7,5	0	−2			
+0,584	+15,3	− 1,03	+ 6,9	−1	−2			
+0,750	+17,9	− 0,38	+ 6,0	−1	−2			
+0,942	+20,3	+ 0,16	+ 4,7	−2	−2			
+1,156	+22,4	+ 0,55	+ 3,0	−2	−2			
+1,390	+24,4	+ 0,76	+ 1,0	−2	−2			
+1,643	+26,1	+ 0,74	− 1,4	−3	−2			
+1,912	+27,6	+ 0,49	− 3,7	−3	−2			
+2,194	+28,8	0,00	− 6,2	−3	−2			
+2,487	+29,7	− 0,75	− 8,6	−3	−3			
+2,787	+30,1	− 1,72	−10,7	−3	−3			
+3,088	+29,9	− 2,89	−12,5	−3	−3			
+3,384	+29,1	− 4,22	−13,9	−3	−3			
+3,670	+27,7	− 5,66	−14,7	−3	−3			
+3,937	+25,4	− 7,15	−15,0	−2	−4			
+4,177	+22,3	− 8,65	−14,7	−2	−4			
+4,382	+18,5	−10,03	−13,8	−2	−4			
+4,546	+14,1	−11,41	−12,6	−1	−5			

Diei reducto addendum est:

ante / post } Jul. 12 { + 1 / + 2

menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Geminorum.*

		α	δ
1770	Jan. 0	7 31 13,954	+28 33 38,96
	Apr. 10	13,907	38,30
	Jul. 19	13,851	37,69
	Oct. 27	13,786	37,13
	Dec. 66	13,711	36,62
1771	Jan. 0	7 31 17,428	+28 33 28,94
	Apr. 10	17,348	28,48
	Jul. 19	17,260	28,08
	Oct. 27	17,165	27,75
	Dec. 66	17,063	27,48
1772	Jan. 1	7 31 20,790	+28 33 19,71
	Apr. 10	20,684	19,50
	Jul. 19	20,575	19,36
	Oct. 27	20,462	19,30
	Dec. 66	20,345	19,31
1773	Jan. 0	7 31 24,076	+28 33 11,44
	Apr. 10	23,958	11,50
	Jul. 19	23,840	11,64
	Oct. 27	23,722	11,85
	Dec. 66	23,605	12,14
1774	Jan. 0	7 31 27,336	+28 33 4,18
	Apr. 10	27,220	4,51
	Jul. 19	27,107	4,91
	Oct. 27	26,998	5,37
	Dec. 66	26,894	5,90
1775	Jan. 0	7 31 30,620	+28 32 57,86
	Apr. 10	30,519	58,42
	Jul. 19	30,426	59,03
	Oct. 27	30,340	59,69
	Dec. 66	30,261	33 0,39
1776	Jan. 1	7 31 33,978	+28 32 52,29
	Apr. 10	33,905	53,00
	Jul. 19	33,841	53,74
	Oct. 27	33,788	54,52
	Dec. 66	33,744	55,33
1777	Jan. 0	7 31 37,448	+28 32 47,19
	Apr. 10	37,411	47,99
	Jul. 19	37,384	48,79
	Oct. 27	37,368	49,59
	Dec. 66	37,363	50,39
1778	Jan. 0	7 31 41,055	+28 32 42,24
	Apr. 10	41,057	43,02
	Jul. 19	41,069	43,78
	Oct. 27	41,092	44,51
	Dec. 66	41,126	45,22
1779	Jan. 0	7 31 44,804	+28 32 37,11
	Apr. 10	44,844	37,78
	Jul. 19	44,894	38,41
	Oct. 27	44,952	38,99
	Dec. 66	45,020	39,53
1780	Jan. 1	7 31 48,687	+28 32 31
	Apr. 10	48,761	31
	Jul. 19	48,841	32
	Oct. 27	48,928	32
	Dec. 66	49,021	33
1781	Jan. 0	7 31 52,679	+28 32 25
	Apr. 10	52,777	25
	Jul. 19	52,878	25
	Oct. 27	52,983	25
	Dec. 66	53,092	25
1782	Jan. 0	7 31 56,746	+28 32 17
	Apr. 10	56,857	17
	Jul. 19	56,968	17
	Oct. 27	57,081	17
	Dec. 66	57,194	17
1783	Jan. 0	7 32 0,846	+28 32
	Apr. 10	0,959	
	Jul. 19	1,069	
	Oct. 27	1,177	
	Dec. 66	1,282	
1784	Jan. 1	7 32 4,937	+28 32
	Apr. 10	5,040	
	Jul. 19	5,137	31 5
	Oct. 27	5,229	5
	Dec. 66	5,315	5
1785	Jan. 0	7 32 8,977	+28 31 5
	Apr. 10	9,059	4
	Jul. 19	9,133	4
	Oct. 27	9,198	4
	Dec. 66	9,256	4
1786	Jan. 0	7 32 12,928	+28 31 4
	Apr. 10	12,978	5
	Jul. 19	13,021	5
	Oct. 27	13,053	5
	Dec. 66	13,076	5
1787	Jan. 0	7 32 16,759	+28 31 5
	Apr. 10	16,774	5
	Jul. 19	16,779	5
	Oct. 27	16,773	5
	Dec. 66	16,757	5
1788	Jan. 1	7 32 20,453	+28 31
	Apr. 10	20,430	
	Jul. 19	20,396	
	Oct. 27	20,353	
	Dec. 66	20,297	
1789	Jan. 0	7 32 24,006	+28 31
	Apr. 10	23,945	
	Jul. 19	23,876	
	Oct. 27	23,797	
	Dec. 66	23,710	

Tabulae X. Sect. II. *β Geminorum.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	+1,507	+18,9	— 4,10	+ 0,8	—1	—2	1770	7 31 12,7822	+28 33 43,735
10	+1,671	+13,7	— 3,93	+ 2,5	—1	—3	1771	31 16,4739	33 35,891
20	+1,780	+ 8,1	— 3,60	+ 4,0	0	—3	1772	31 20,1655	33 28,043
30	+1,832	+ 2,4	— 3,13	+ 5,3	+1	—3	1773	31 23,8570	33 20,190
9	+1,827	— 3,1	— 2,55	+ 6,1	+1	—3	1774	31 27,5483	33 12,332
							1775	31 31,2395	33 4,468
19	+1,770	— 8,0	— 1,91	+ 6,5	+2	—3	1776	31 34,9306	32 56,600
1	+1,667	—12,3	— 1,26	+ 6,4	+2	—3	1777	31 38,6216	32 48,727
11	+1,525	—15,5	— 0,64	+ 5,9	+3	—3	1778	31 42,3125	32 40,849
21	+1,357	—17,6	— 0,09	+ 5,0	+3	—3	1779	31 46,0032	32 32,966
31	+1,174	—18,6	+ 0,36	+ 4,0	+3	—2	1780	31 49,6938	32 25,078
							1781	31 53,3843	32 17,185
10	+0,986	—18,5	+ 0,70	+ 2,7	+4	—2	1782	31 57,0747	32 9,287
20	+0,805	—17,3	+ 0,89	+ 1,3	+4	—2	1783	32 0,7649	32 1,385
30	+0,641	—15,2	+ 0,96	+ 0,1	+3	—1	1784	32 4,4550	31 53,478
10	+0,502	—12,3	+ 0,90	— 1,2	+3	—1	1785	32 8,1450	31 45,565
20	+0,396	— 8,8	+ 0,73	— 2,3	+3	—1	1786	32 11,8349	31 37,648
							1787	32 15,5247	31 29,726
30	+0,326	— 5,1	+ 0,44	— 3,2	+2	—1	1788	32 19,2143	31 21,799
9	+0,295	— 1,1	+ 0,09	— 3,9	+2	0	1789	32 22,9038	31 13,867
19	+0,305	+ 3,0	— 0,34	— 4,5	+1	0	1790	32 26,5932	31 5,930
29	+0,355	+ 7,0	— 0,81	— 4,9	+1	0			
9	+0,444	+10,7	— 1,32	— 5,3	0	0			
19	+0,569	+14,2	— 1,86	— 5,6	0	0			
29	+0,728	+17,5	— 2,43	— 5,8	—1	0			
8	+0,918	+20,5	— 3,02	— 6,1	—2	0			
18	+1,137	+23,1	— 3,65	— 6,5	—2	—1			
28	+1,380	+25,5	— 4,31	— 6,8	—3	—1			
7	+1,647	+27,7	— 5,01	— 7,2	—3	—1			
17	+1,934	+29,6	— 5,75	— 7,7	—4	—2			
27	+2,239	+31,3	— 6,54	— 8,0	—4	—2			
7	+2,560	+32,7	— 7,35	— 8,2	—5	—3			
17	+2,892	+33,6	— 8,18	— 8,2	—5	—3			
27	+3,232	+34,2	— 8,99	— 8,0	—5	—4			
6	+3,575	+34,2	— 9,77	— 7,5	—5	—4			
16	+3,915	+33,4	—10,49	— 6,6	—5	—5			
26	+4,242	+31,8	—11,09	— 5,4	—4	—5			
6	+4,550	+29,4	—11,57	— 4,0	—4	—6			
16	+4,829	+26,0	—11,88	— 2,2	—4	—7			
26	+5,070	+21,8	—12,01	— 0,4	—3	—7			
6	+5,265	+17,0	—11,95	+ 1,5	—2	—7			

Diei reducto addendum est:

ante / post } Jul. 13 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Hydrae.*

1770	Jan. 0	9 16 17,995	— 7 40 27,94
	Apr. 10	17,972	28,31
	Jul. 19	17,941	28,63
	Oct. 27	17,902	28,88
	Dec. 66	17,856	29,07
1771	Jan. 0	9 16 20,820	— 7 40 44,15
	Apr. 10	20,768	44,30
	Jul. 19	20,710	44,38
	Oct. 27	20,645	44,39
	Dec. 66	20,574	44,34
1772	Jan. 1	9 16 23,547	— 7 40 59,51
	Apr. 10	23,472	59,41
	Jul. 19	23,392	59,24
	Oct. 27	23,309	59,01
	Dec. 66	23,221	58,71
1773	Jan. 0	9 16 26,199	— 7 41 13,95
	Apr. 10	26,109	13,61
	Jul. 19	26,018	13,22
	Oct. 27	25,926	12,77
	Dec. 66	25,832	12,26
1774	Jan. 0	9 16 28,811	— 7 41 27,58
	Apr. 10	28,718	27,04
	Jul. 19	28,626	26,46
	Oct. 27	28,536	25,85
	Dec. 66	28,448	25,19
1775	Jan. 0	9 16 31,425	— 7 41 40,56
	Apr. 10	31,339	39,89
	Jul. 19	31,257	39,20
	Oct. 27	31,180	38,49
	Dec. 66	31,108	37,77
1776	Jan. 1	9 16 34,080	— 7 41 53,16
	Apr. 10	34,012	52,44
	Jul. 19	33,950	51,72
	Oct. 27	33,895	51,01
	Dec. 66	33,847	50,30
1777	Jan. 0	9 16 36,810	— 7 42 5,69
	Apr. 10	36,767	5,00
	Jul. 19	36,732	4,33
	Oct. 27	36,705	3,70
	Dec. 66	36,686	3,09
1778	Jan. 0	9 16 39,640	— 7 42 18,45
	Apr. 10	39,627	17,87
	Jul. 19	39,622	17,33
	Oct. 27	39,625	16,84
	Dec. 66	39,637	16,40
1779	Jan. 0	9 16 42,581	— 7 42 31,70
	Apr. 10	42,598	31,30
	Jul. 19	42,623	30,95
	Oct. 27	42,656	30,66
	Dec. 66	42,696	30,42
1780	Jan. 1	9 16 45,630	— 7 42 45,66
	Apr. 10	45,675	45,47
	Jul. 19	45,727	45,34
	Oct. 27	45,785	45,27
	Dec. 66	45,849	45,27
1781	Jan. 0	9 16 48,775	— 7 43 0,43
	Apr. 10	48,843	0,47
	Jul. 19	48,915	0,58
	Oct. 27	48,992	0,74
	Dec. 66	49,073	0,97
1782	Jan. 0	9 16 51,993	— 7 43 16,05
	Apr. 10	52,076	16,32
	Jul. 19	52,161	16,64
	Oct. 27	52,248	17,01
	Dec. 66	52,337	17,44
1783	Jan. 0	9 16 55,255	— 7 43 32,47
	Apr. 10	55,344	32,93
	Jul. 19	55,432	33,43
	Oct. 27	55,520	33,98
	Dec. 66	55,607	34,56
1784	Jan. 1	9 16 58,526	— 7 43 49,54
	Apr. 10	58,612	50,15
	Jul. 19	58,695	50,78
	Oct. 27	58,775	51,44
	Dec. 66	58,852	52,12
1785	Jan. 0	9 17 1,774	— 7 44 7,07
	Apr. 10	1,848	7,76
	Jul. 19	1,917	8,46
	Oct. 27	1,980	9,16
	Dec. 66	2,037	9,87
1786	Jan. 0	9 17 4,967	— 7 44 24,81
	Apr. 10	5,020	25,51
	Jul. 19	5,066	26,20
	Oct. 27	5,105	26,87
	Dec. 66	5,137	27,52
1787	Jan. 0	9 17 8,075	— 7 44 42,49
	Apr. 10	8,102	43,12
	Jul. 19	8,120	43,72
	Oct. 27	8,130	44,28
	Dec. 66	8,132	44,80
1788	Jan. 1	9 17 11,080	— 7 44 59,81
	Apr. 10	11,076	45 0,30
	Jul. 19	11,064	0,74
	Oct. 27	11,044	1,13
	Dec. 66	11,015	1,46
1789	Jan. 0	9 17 13,974	— 7 45 16,54
	Apr. 10	13,939	16,83
	Jul. 19	13,897	17,06
	Oct. 27	13,848	17,22
	Dec. 66	13,791	17,32

Tabulae X. Sect. II. *α Hydrae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
0	+1,063	+24,5	— 0,06	—22,4	—2	+2	1770	9 16 17,0249	— 7 40 21,441
10	+1,289	+20,5	— 2,27	—21,6	—1	+1	1771	16 19,9731	40 36,578
20	+1,472	+15,9	— 4,37	—20,2	—1	+1	1772	16 22,9213	40 51,719
30	+1,607	+11,0	— 6,31	—18,4	0	+1	1773	16 25,8695	41 6,862
9	+1,692	+ 6,1	— 8,04	—16,2	0	0	1774	16 28,8177	41 22,009
							1775	16 31,7658	41 37,157
19	+1,728	+ 1,3	— 9,54	—13,8	+1	0	1776	16 34,7139	41 52,309
1	+1,718	— 3,1	—10,79	—11,3	+1	0	1777	16 37,6620	42 7,463
11	+1,666	— 6,9	—11,79	— 8,8	+1	—1	1778	16 40,6101	42 22,620
21	+1,580	— 9,9	—12,54	— 6,4	+2	—1	1779	16 43,5582	42 37,780
31	+1,468	—12,2	—13,05	— 4,0	+2	—1	1780	16 46,5063	42 52,942
							1781	16 49,4544	43 8,108
10	+1,337	—13,6	—13,33	— 1,7	+2	—2	1782	16 52,4024	43 23,276
20	+1,197	—14,2	—13,38	+ 0,5	+3	—2	1783	16 55,3504	43 38,446
30	+1,054	—14,0	—13,24	+ 2,4	+3	—2	1784	16 58,2984	43 53,620
10	+0,917	—13,2	—12,90	+ 4,3	+3	—2	1785	17 1,2464	44 8,796
20	+0,790	—11,9	—12,38	+ 6,1	+3	—2	1786	17 4,1944	44 23,975
							1787	17 7,1424	44 39,156
30	+0,680	—10,1	—11,69	+ 7,6	+3	—2	1788	17 10,0904	44 54,340
9	+0,589	— 8,1	—10,86	+ 9,0	+2	—3	1789	17 13,0383	45 9,527
19	+0,519	— 5,8	— 9,90	+10,2	+2	—3	1790	17 15,9862	45 24,717
29	+0,474	— 3,3	— 8,83	+11,1	+2	—3			
9	+0,453	— 0,8	— 7,69	+11,6	+1	—3			
9	+0,458	+ 1,9	— 6,51	+11,9	+1	—3			
9	+0,490	+ 4,5	— 5,32	+11,6	+1	—3			
8	+0,548	+ 7,2	— 4,19	+10,9	0	—2			
8	+0,634	+10,0	— 3,15	+ 9,6	0	—2			
8	+0,747	+12,8	— 2,27	+ 7,9	—1	—2			
7	+0,890	+15,7	— 1,58	+ 5,4	—1	—2			
7	+1,061	+18,6	— 1,19	+ 2,8	—2	—2			
7	+1,261	+21,5	— 1,02	— 0,2	—2	—2			
7	+1,490	+24,2	— 1,22	— 3,8	—2	—1			
7	+1,745	+26,7	— 1,77	— 7,3	—3	—1			
7	+2,024	+28,9	— 2,67	—10,8	—3	—1			
6	+2,323	+30,6	— 3,92	—14,1	—3	—1			
6	+2,635	+31,5	— 5,49	—17,0	—3	—1			
6	+2,953	+31,6	— 7,32	—19,4	—3	—1			
6	+3,267	+30,9	— 9,36	—21,2	—3	—1			
6	+3,570	+29,2	—11,55	—22,3	—3	—1			
6	+3,851	+26,5	—13,81	—22,6	—2	—1			
6	+4,100	+23,1	—16,06	—22,2	—2	—1			

Diei reducto addendum est:

ante } Aug. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Leonis.*

		h ′ ″	° ′ ″
1770	Jan. 0	9 56 7,136	+ 13 4 49,36
	Apr. 10	7,095	49,11
	Jul. 19	7,045	48,93
	Oct. 27	6,988	48,81
	Dec. 66	6,922	48,75
1771	Jan. 0	9 56 10,155	+ 13 4 31,57
	Apr. 10	10,084	31,55
	Jul. 19	10,008	31,60
	Oct. 27	9,925	31,71
	Dec. 66	9,837	31,89
1772	Jan. 1	9 56 13,078	+ 13 4 14,63
	Apr. 10	12,986	14,85
	Jul. 19	12,891	15,13
	Oct. 27	12,893	15,46
	Dec. 66	12,692	15,86
1773	Jan. 0	9 56 15,936	+ 13 3 58,52
	Apr. 10	15,834	58,95
	Jul. 19	15,732	59,43
	Oct. 27	15,630	59,95
	Dec. 66	15,529	4 0,51
1774	Jan. 0	9 56 18,773	+ 13 3 43,12
	Apr. 10	18,673	43,71
	Jul. 19	18,576	44,32
	Oct. 27	18,483	44,96
	Dec. 66	18,393	45,63
1775	Jan. 0	9 56 21,632	+ 13 3 28,20
	Apr. 10	21,546	28,88
	Jul. 19	21,466	29,56
	Oct. 27	21,392	30,25
	Dec. 66	21,325	30,94
1776	Jan. 1	9 56 24,556	+ 13 3 13,51
	Apr. 10	24,494	14,19
	Jul. 19	24,440	14,86
	Oct. 27	24,394	15,51
	Dec. 66	24,357	16,14
1777	Jan. 0	9 56 27,579	+ 13 2 58,72
	Apr. 10	27,548	59,33
	Jul. 19	27,525	59,91
	Oct. 27	27,512	3 0,44
	Dec. 66	27,509	0,94
1778	Jan. 0	9 56 30,719	+ 13 2 43,57
	Apr. 10	30,721	44,04
	Jul. 19	30,733	44,46
	Oct. 27	30,754	44,83
	Dec. 66	30,784	45,14
1779	Jan. 0	9 56 33,983	+ 13 2 27,83
	Apr. 10	34,019	28,10
	Jul. 19	34,062	28,32
	Oct. 27	34,114	28,48
	Dec. 66	34,173	28,53
1780	Jan. 1	9 56 37,362	+ 13 2 11,9
	Apr. 10	37,426	11,4
	Jul. 19	37,495	11,4
	Oct. 27	37,571	11,3
	Dec. 66	37,652	11,9
1781	Jan. 0	9 56 40,834	+ 13 1 54,6
	Apr. 10	40,918	53,3
	Jul. 19	41,006	53,4
	Oct. 27	41,097	53,4
	Dec. 66	41,192	53,4
1782	Jan. 0	9 56 44,370	+ 13 1 35,4
	Apr. 10	44,466	35,4
	Jul. 19	44,562	35,4
	Oct. 27	44,659	34,4
	Dec. 66	44,757	34,4
1783	Jan. 0	9 56 47,934	+ 13 1 17,4
	Apr. 10	48,031	16,4
	Jul. 19	48,126	16,4
	Oct. 27	48,219	15,4
	Dec. 66	48,310	14,4
1784	Jan. 1	9 56 51,489	+ 13 0 57,4
	Apr. 10	51,577	57,4
	Jul. 19	51,661	56,4
	Oct. 27	51,740	55,4
	Dec. 66	51,814	55,4
1785	Jan. 0	9 56 54,999	+ 13 0 38,4
	Apr. 10	55,069	37,4
	Jul. 19	55,132	36,4
	Oct. 27	55,288	36,4
	Dec. 66	55,237	35,4
1786	Jan. 0	9 56 58,431	+ 13 0 18,4
	Apr. 10	58,475	18,4
	Jul. 19	58,510	17,4
	Oct. 27	58,537	16,4
	Dec. 66	58,556	16,4
1787	Jan. 0	9 57 1,759	+ 12 59 59,4
	Apr. 10	1,772	58,4
	Jul. 19	1,775	58,4
	Oct. 27	1,769	57,4
	Dec. 66	1,754	57,4
1788	Jan. 1	9 57 4,969	+ 12 59 40,4
	Apr. 10	4,947	39,4
	Jul. 19	4,917	39,4
	Oct. 27	4,878	39,4
	Dec. 66	4,831	39,4
1789	Jan. 0	9 57 8,057	+ 12 59 21,4
	Apr. 10	8,003	21,4
	Jul. 19	7,942	21,4
	Oct. 27	7,874	21,4
	Dec. 66	7,799	21,4

Tabulae X. Sect. II. *α Leonis.*

	1780		1780		Var. 10 annor.	
an. 0	+0″,902	+28,6	— 5″,24	—14,7	—3	+1
10	+1,172	+25,1	— 6,60	—12,4	—2	0
20	+1,404	+20,9	— 7,72	— 9,9	—2	0
30	+1,590	+16,2	— 8,57	— 7,2	—2	—1
Febr. 9	+1,727	+11,2	— 9,16	— 4,6	—1	—1
19	+1,813	+ 6,2	— 9,48	— 2,0	0	—1
Mart. 1	+1,850	+ 1,5	— 9,56	+ 0,3	0	—2
11	+1,842	— 2,8	— 9,43	+ 2,1	+1	—2
21	+1,794	— 6,4	— 9,14	+ 3,6	+1	—2
31	+1,714	— 9,2	— 8,72	+ 4,7	+2	—2
Apr. 10	+1,610	—11,3	— 8,20	+ 5,4	+2	—3
20	+1,489	—12,5	— 7,64	+ 5,8	+2	—3
30	+1,361	—12,9	— 7,05	+ 5,8	+3	—3
Maj. 10	+1,232	—12,7	— 6,48	+ 5,6	+3	—2
20	+1,108	—11,9	— 5,93	+ 5,3	+3	—2
30	+0,994	—10,7	— 5,42	+ 4,8	+3	—2
Jun. 9	+0,895	— 9,0	— 4,97	+ 4,2	+3	—2
19	+0,815	— 7,1	— 4,59	+ 3,5	+2	—2
29	+0,754	— 5,0	— 4,28	+ 2,7	+2	—2
Jul. 9	+0,715	— 2,8	— 4,05	+ 1,8	+2	—1
19	+0,698	— 0,5	— 3,92	+ 0,8	+1	—1
29	+0,705	+ 2,0	— 3,89	— 0,3	+1	—1
Aug. 8	+0,737	+ 4,5	— 3,98	— 1,6	0	—1
18	+0,795	+ 7,2	— 4,21	— 3,1	0	—1
28	+0,880	+ 9,9	— 4,59	— 4,7	—1	0
Sept. 7	+0,993	+12,8	— 5,15	— 6,6	—1	0
17	+1,136	+15,9	— 5,90	— 8,5	—2	0
27	+1,310	+19,0	— 6,84	—10,5	—2	0
Oct. 7	+1,515	+22,1	— 7,99	—12,5	—3	0
17	+1,752	+25,2	— 9,34	—14,4	—3	0
27	+2,018	+27,9	—10,87	—16,1	—4	0
Nov. 6	+2,310	+30,2	—12,55	—17,4	—4	0
16	+2,622	+32,0	—14,34	—18,2	—4	0
26	+2,950	+33,0	—16,19	—18,5	—4	0
Dec. 6	+3,282	+33,1	—18,04	—18,2	—4	—1
16	+3,612	+32,2	—19,83	—17,3	—4	—1
26	+3,926	+30,3	—21,50	—15,8	—4	—1
36	+4,217	+27,5	—22,99	—13,9	—4	—2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	9 56 6,1258	+13 4 56,162
1771	56 9,3363	4 38,968
1772	56 12,5467	4 21,771
1773	56 15,7570	4 4,572
1774	56 18,9672	3 47,370
1775	56 22,1773	3 30,166
1776	56 25,3873	3 12,960
1777	56 28,5972	2 55,752
1778	56 31,8070	2 38,541
1779	56 35,0167	2 21,327
1780	56 38,2262	2 4,112
1781	56 41,4357	1 46,894
1782	56 44,6451	1 29,674
1783	56 47,8544	1 12,451
1784	56 51,0636	0 55,226
1785	56 54,2726	0 37,999
1786	56 57,4816	0 20,769
1787	57 0,6905	0 3,538
1788	57 3,8993	12 59 46,303
1789	57 7,1080	59 29,067
1790	57 10,3165	59 11,828

Diei reducto addendum est:

ante } Aug. 19 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Leonis.*

		h ′ ″	° ′ ″
1770	Jan. 0	11 37 19,749	+15 51 17,10
	Apr. 10	19,703	17,21
	Jul. 19	19,652	17,37
	Oct. 27	19,592	17,60
	Dec. 66	19,525	17,88
1771	Jan. 0	11 37 22,619	+15 50 57,71
	Apr. 10	22,547	58,03
	Jul. 19	22,470	58,39
	Oct. 27	22,387	58,80
	Dec. 66	22,299	59,25
1772	Jan. 1	11 37 25,400	+15 50 39,03
	Apr. 10	25,309	39,51
	Jul. 19	25,215	40,02
	Oct. 27	25,119	40,57
	Dec. 66	25,021	41,15
1773	Jan. 0	11 37 28,125	+15 50 20,89
	Apr. 10	28,025	21,48
	Jul. 19	27,926	22,09
	Oct. 27	27,828	22,71
	Dec. 66	27,731	23,35
1774	Jan. 0	11 37 30,834	+15 50 3,07
	Apr. 10	30,738	3,70
	Jul. 19	30,646	4,33
	Oct. 27	30,558	4,95
	Dec. 66	30,473	5,56
1775	Jan. 0	11 37 33,572	+15 49 45,29
	Apr. 10	33,491	45,89
	Jul. 19	33,416	46,47
	Oct. 27	33,348	47,01
	Dec. 66	33,287	47,53
1776	Jan. 1	11 37 36,377	+15 49 27,29
	Apr. 10	36,321	27,78
	Jul. 19	36,273	28,23
	Oct. 27	36,233	28,64
	Dec. 66	36,202	29,01
1777	Jan. 0	11 37 39,282	+15 49 8,82
	Apr. 10	39,257	9,15
	Jul. 19	39,240	9,43
	Oct. 27	39,233	9,65
	Dec. 66	39,234	9,81
1778	Jan. 0	11 37 42,303	+15 48 49,70
	Apr. 10	42,311	49,83
	Jul. 19	42,327	49,91
	Oct. 27	42,352	49,93
	Dec. 66	42,385	49,89
1779	Jan. 0	11 37 45,443	+15 48 29,84
	Apr. 10	45,482	29,76
	Jul. 19	45,529	29,63
	Oct. 27	45,583	29,46
	Dec. 66	45,644	29,24
1780	Jan. 1	11 37 48,693	+15 48 9,2
	Apr. 10	48,759	8,9
	Jul. 19	48,830	8,6
	Oct. 27	48,906	8,2
	Dec. 66	48,987	7,8
1781	Jan. 0	11 37 52,030	+15 47 47,9
	Apr. 10	52,114	47,5
	Jul. 19	52,201	47,0
	Oct. 27	52,191	46,5
	Dec. 66	52,384	46,0
1782	Jan. 0	11 37 55,423	+15 47 26,1
	Apr. 10	55,517	25,5
	Jul. 19	55,611	25,0
	Oct. 27	55,705	24,4
	Dec. 66	55,800	23,8
1783	Jan. 0	11 37 58,838	+15 47 3,9
	Apr. 10	58,932	3,3
	Jul. 19	59,023	2,7
	Oct. 27	59,111	2,1
	Dec. 66	59,197	1,5
1784	Jan. 1	11 38 2,239	+15 46 41,6
	Apr. 10	2,322	41,1
	Jul. 19	2,401	40,5
	Oct. 27	2,474	39,9
	Dec. 66	2,542	39,4
1785	Jan. 0	11 38 5,590	+15 46 19,5
	Apr. 10	5,654	19,0
	Jul. 19	5,711	18,5
	Oct. 27	5,762	18,0
	Dec. 66	5,805	17,6
1786	Jan. 0	11 38 8,861	+15 45 57,7
	Apr. 10	8,899	57,3
	Jul. 19	8,929	56,9
	Oct. 27	8,950	56,6
	Dec. 66	8,963	56,4
1787	Jan. 0	11 38 12,030	+15 45 36,4
	Apr. 10	12,037	36,3
	Jul. 19	12,035	36,0
	Oct. 27	12,024	35,9
	Dec. 66	12,005	35,8
1788	Jan. 1	11 38 15,082	+15 45 15,8
	Apr. 10	15,056	15,8
	Jul. 19	15,022	15,3
	Oct. 27	14,980	15,0
	Dec. 66	14,930	16,
1789	Jan. 0	11 38 18,017	+15 44 55,5
	Apr. 10	17,961	56,
	Jul. 19	17,898	56,4
	Oct. 27	17,829	56,
	Dec. 66	17,753	57,0

Tabulae X. Sect. II. *β Leonis.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	+0,365	+33,2	− 6,85	−18,2	−3	+2	1770	11 37 18,7925	+15 51 23,760
10	+0,689	+31,3	− 8,55	−15,6	−3	+1	1771	37 21,8634	51 3,694
20	+0,990	+28,5	− 9,96	−12,5	−3	+1	1772	37 24,9342	50 43,628
30	+1,259	+24,9	−11,05	− 9,2	−3	0	1773	37 28,0049	50 23,562
Febr. 9	+1,488	+20,8	−11,79	− 5,7	−2	0	1774	37 31,0756	50 3,495
							1775	37 34,1462	49 43,429
19	+1,674	+16,3	−12,19	− 2,4	−2	−1	1776	37 37,2167	49 23,362
Mart. 1	+1,813	+11,7	−12,26	+ 0,8	−1	−1	1777	37 40,2871	49 3,294
11	+1,908	+ 7,3	−12,03	+ 3,5	−1	−1	1778	37 43,3574	48 43,226
21	+1,959	+ 3,2	−11,56	+ 5,8	0	−2	1779	37 46,4277	48 23,158
31	+1,971	− 0,5	−10,88	+ 7,6	0	−2	1780	37 49,4979	48 3,088
							1781	37 52,5680	47 43,019
Apr. 10	+1,950	− 3,5	−10,05	+ 8,8	+1	−2	1782	37 55,6380	47 22,950
20	+1,901	− 6,1	− 9,13	+ 9,4	+1	−2	1783	37 58,7080	47 2,880
30	+1,829	− 8,0	− 8,17	+ 9,6	+2	−2	1784	38 1,7779	46 42,810
Maj. 10	+1,742	− 9,2	− 7,22	+ 9,3	+2	−2	1785	38 4,8477	46 22,739
20	+1,645	−10,1	− 6,31	+ 8,7	+2	−2	1786	38 7,9174	46 2,668
							1787	38 10,9870	45 42,597
30	+1,541	−10,5	− 5,49	+ 7,7	+3	−2	1788	38 14,0566	45 22,525
Jun. 9	+1,435	−10,5	− 4,77	+ 6,6	+3	−2	1789	38 17,1261	45 2,453
19	+1,331	−10,3	− 4,17	+ 5,3	+3	−2	1790	38 20,1956	44 42,380
29	+1,230	− 9,7	− 3,72	+ 3,8	+3	−2			
Jul. 9	+1,137	− 8,9	− 3,42	+ 2,2	+3	−1			
19	+1,053	− 7,8	− 3,29	+ 0,5	+2	−1			
29	+0,982	− 6,4	− 3,33	− 1,3	+2	−1			
Aug. 8	+0,925	− 4,8	− 3,55	− 3,2	+2	0			
18	+0,886	− 2,8	− 3,96	− 5,1	+1	0			
28	+0,870	− 0,4	− 4,57	− 7,2	+1	0			
Sept. 7	+0,879	+ 2,4	− 5,40	− 9,4	0	0			
17	+0,918	+ 5,6	− 6,44	−11,6	0	+1			
27	+0,991	+ 9,1	− 7,71	−13,8	−1	+1			
Oct. 7	+1,100	+12,9	− 9,19	−15,9	−1	+1			
17	+1,249	+17,0	−10,89	−18,0	−2	+2			
27	+1,439	+20,9	−12,78	−19,8	−2	+2			
Nov. 6	+1,667	+24,7	−14,84	−21,2	−3	+2			
16	+1,932	+28,1	−17,01	−22,1	−3	+2			
26	+2,229	+30,9	−19,25	−22,5	−4	+2			
Dec. 6	+2,549	+32,8	−21,50	−22,2	−4	+2			
16	+2,885	+33,8	−23,68	−21,2	−4	+2			
26	+3,225	+33,7	−25,74	−19,6	−4	+2			
36	+3,559	+32,6	−27,59	−17,3	−4	+1			

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Virginis.*

1770	Jan. 0	11 38 43,876	+	3	3 30,20	1780	Jan. 1	11 39 13,274	+	3	0 20,22
	Apr. 10	43,844			30,32		Apr. 10	13,328			19,94
	Jul. 19	43,804			30,49		Jul. 19	13,389			19,62
	Oct. 27	43,755			30,72		Oct. 27	13,455			19,25
	Dec. 66	43,699			31,00		Dec. 66	13,528			18,84
1771	Jan. 0	11 38 46,844	+	3	3 10,62	1781	Jan. 0	11 39 16,628	+	2	59 58,71
	Apr. 10	46,783			10,94		Apr. 10	16,704			58,28
	Jul. 19	46,715			11,31		Jul. 19	16,784			57,81
	Oct. 27	46,642			11,72		Oct. 27	16,868			57,31
	Dec. 66	46,562			12,18		Dec. 66	16,955			56,77
1772	Jan. 1	11 38 49,714	+	3	2 51,74	1782	Jan. 0	11 39 20,050	+	2	59 36,68
	Apr. 10	49,631			52,23		Apr. 10	20,139			36,13
	Jul. 19	49,544			52,75		Jul. 19	20,229			35,57
	Oct. 27	49,454			53,30		Oct. 27	20,321			34,99
	Dec. 66	49,360			53,88		Dec. 66	20,414			34,39
1773	Jan. 0	11 38 52,516	+	3	2 33,41	1783	Jan. 0	11 39 23,507	+	2	59 14,31
	Apr. 10	52,420			34,00		Apr. 10	23,600			13,71
	Jul. 19	52,324			34,61		Jul. 19	23,692			13,11
	Oct. 27	52,228			35,23		Oct. 27	23,782			12,51
	Dec. 66	52,131			35,87		Dec. 66	23,870			11,91
1774	Jan. 0	11 38 55,288	+	3	2 15,33	1784	Jan. 1	11 39 26,965	+	2	58 51,88
	Apr. 10	55,191			16,02		Apr. 10	27,052			51,24
	Jul. 19	55,097			16,65		Jul. 19	27,135			50,67
	Oct. 27	55,006			17,27		Oct. 27	27,214			50,11
	Dec. 66	54,918			17,88		Dec. 66	27,288			49,57
1775	Jan. 0	11 38 58,072	+	3	1 57,40	1785	Jan. 0	11 39 30,388	+	2	58 29,47
	Apr. 10	57,986			58,00		Apr. 10	30,460			28,95
	Jul. 19	57,906			58,57		Jul. 19	30,525			28,47
	Oct. 27	57,831			59,11		Oct. 27	30,584			28,03
	Dec. 66	57,762			59,62		Dec. 66	30,637			27,60
1776	Jan. 1	11 39 0,909	+	3	1 39,18	1786	Jan. 0	11 39 33,745	+	2	58 7,45
	Apr. 10	0,844			39,67		Apr. 10	33,793			7,06
	Jul. 19	0,787			40,12		Jul. 19	33,833			6,73
	Oct. 27	0,737			40,52		Oct. 27	33,866			6,45
	Dec. 66	0,695			40,88		Dec. 66	33,891			6,18
1777	Jan. 0	11 39 3,833	+	3	1 20,49	1787	Jan. 0	11 39 37,008	+	2	57 45,98
	Apr. 10	3,796			20,81		Apr. 10	37,027			45,77
	Jul. 19	3,768			21,08		Jul. 19	37,038			45,62
	Oct. 27	3,748			21,30		Oct. 27	37,040			45,51
	Dec. 66	3,737			21,47		Dec. 66	37,033			45,45
1778	Jan. 0	11 39 6,865	+	3	1 1,14	1788	Jan. 1	11 39 40,161	+	2	57 25,19
	Apr. 10	6,860			1,27		Apr. 10	40,147			25,18
	Jul. 19	6,863			1,34		Jul. 19	40,127			25,23
	Oct. 27	6,876			1,35		Oct. 27	40,096			25,33
	Dec. 66	6,897			1,31		Dec. 66	40,059			25,49
1779	Jan. 0	11 39 10,014	+	3	0 41,05	1789	Jan. 0	11 39 43,197	+	2	57 5,15
	Apr. 10	10,041			40,97		Apr. 10	43,153			5,30
	Jul. 19	10,075			40,84		Jul. 19	43,102			5,61
	Oct. 27	10,117			40,65		Oct. 27	43,043			5,91
	Dec. 66	10,166			40,41		Dec. 66	42,977			6,27

Tabulae X. Sect. II. *β Virginis.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
0	+0,352	+32,5	− 2,60	−20,8	−3	+2	1770	11 38 42,8917	+ 3 3 36,849
10	+0,669	+30,6	− 4,62	−19,4	−3	+2	1771	38 46,0164	3 16,576
20	+0,963	+27,8	− 6,48	−17,5	−3	+2	1772	38 49,1411	2 56,303
30	+1,224	+24,3	− 8,12	−15,2	−2	+1	1773	38 52,2658	2 36,030
r. 9	+1,448	+20,3	− 9,51	−12,6	−2	+1	1774	38 55,3905	2 15,756
							1775	38 58,5153	1 55,482
19	+1,629	+16,0	−10,63	− 9,8	−1	+1	1776	39 1,6400	1 35,208
t. 1	+1,767	+11,7	−11,46	− 6,9	−1	0	1777	39 4,7647	1 14,933
11	+1,862	+ 7,5	−12,01	− 4,3	0	0	1778	39 7,8894	0 54,658
21	+1 916	+ 3,6	−12,32	− 1,9	0	−1	1779	39 11,0141	0 34,383
31	+1,934	+ 0,2	−12,39	+ 0,3	+1	−1	1780	39 14,1387	0 14,108
							1781	39 17,2634	2 59 53,832
10	+1,920	− 2,8	−12,27	+ 2,0	+1	−1	1782	39 20,3881	59 33,556
20	+1,879	− 5,1	−11,99	+ 3,4	+2	−1	1783	39 23,5128	59 13,279
30	+1,819	− 6,8	−11,59	+ 4,5	+2	−2	1784	39 26,6375	58 53,002
.10	+1,744	− 8,1	−11,09	+ 5,3	+2	−2	1785	39 29,7620	58 32,724
20	+1,657	− 9,0	−10,54	+ 5,8	+3	−2	1786	39 32,8867	58 12,446
							1787	39 36,0113	57 52,168
30	+1,565	− 9,4	− 9,94	+ 6,1	+3	−2	1788	39 39,1359	57 31,890
u 9	+1,470	− 9,5	− 9,33	+ 6,1	+3	−2	1789	39 42,2606	57 11,611
19	+1,376	− 9,3	− 8,73	+ 6,0	+3	−2	1790	39 45,3852	56 51,333
29	+1,284	− 8,9	− 8,14	+ 5,7	+3	−2			
u 9	+1,198	− 8,2	− 7,59	+ 5,3	+3	−2			
19	+1,120	− 7,3	− 7,09	+ 4,7	+3	−2			
29	+1,052	− 6,1	− 6,66	+ 3,8	+2	−1			
n 8	+0,999	− 4,5	− 6,33	+ 2,8	+2	−1			
18	+0,962	− 2,6	− 6,11	+ 1,5	+2	−1			
28	+0,947	− 0,3	− 6,03	− 0,1	+1	−1			
ej 7	+0,956	+ 2,4	− 6,12	− 1,9	+1	−1			
17	+0,995	+ 5,6	− 6,41	− 4,0	0	0			
27	+1,067	+ 9,1	− 6,92	− 6,4	0	0			
c 7	+1,176	+12,9	− 7,68	− 8,9	−1	0			
17	+1,324	+16,8	− 8,70	−11,5	−1	+1			
27	+1,512	+20,7	− 9,97	−14,0	−2	+1			
o 6	+1,738	+24,4	−11,49	−16,4	−2	+1			
16	+2,000	+27,8	−13,24	−18,4	−3	+2			
26	+2,293	+30,4	−15,17	−20,1	−3	+2			
c 6	+2,608	+32,3	−17,25	−21,2	−3	+2			
16	+2,938	+33,2	−19,40	−21,5	−3	+2			
26	+3,272	+33,0	−21,55	−21,3	−3	+2			
36	+3,598	+31,9	−23,65	−20,4	−3	+2			

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Virginis.*

1770	Jan. 0	13 13 7,306	— 9 57 19,78	1780	Jan. 1	13 13 36,715	— 10 0 21
	Apr. 10	7,284	19,35		Apr. 10	36,761	21
	Jul. 19	7,254	18,88		Jul. 19	36,814	22
	Oct. 27	7,216	18,37		Oct. 27	36,874	22
	Dec. 66	7,169	17,82		Dec. 66	36,940	22
1771	Jan. 0	13 13 10,325	— 9 57 37,11	1781	Jan. 0	13 13 40,058	— 10 0 43
	Apr. 10	10,273	36,54		Apr. 10	40,128	43
	Jul. 19	10,213	35,94		Jul. 19	40,203	43
	Oct. 27	10,146	35,33		Oct. 27	40,283	44
	Dec. 66	10,072	34,69		Dec. 66	40,368	44
1772	Jan. 1	13 13 13,237	— 9 57 54,00	1782	Jan. 0	13 13 43,480	— 10 1 5
	Apr. 10	13,159	53,35		Apr. 10	43,568	4
	Jul. 19	13,076	52,71		Jul. 19	43,658	5
	Oct. 27	12,988	52,06		Oct. 27	43,750	5
	Dec. 66	12,896	51,40		Dec. 66	43,844	6
1773	Jan. 0	13 13 16,067	— 9 58 10,72	1783	Jan. 0	13 13 46,953	— 10 1 25
	Apr. 10	15,972	10,08		Apr. 10	47,048	25
	Jul. 19	15,876	9,45		Jul. 19	47,143	26
	Oct. 27	15,778	8,85		Oct. 27	47,237	26
	Dec. 66	15,678	8,26		Dec. 66	47,330	27
1774	Jan. 0	13 13 18,851	— 9 58 27,55	1784	Jan. 1	13 13 50,440	— 10 1 46
	Apr. 10	18,751	26,98		Apr. 10	50,533	46
	Jul. 19	18,653	26,45		Jul. 19	50,623	47
	Oct. 27	18,556	25,96		Oct. 27	50,709	47
	Dec. 66	18,461	25,51		Dec. 66	50,793	47
1775	Jan. 0	13 13 21,633	— 9 58 44,75	1785	Jan. 0	13 13 53,907	— 10 2 6
	Apr. 10	21,540	44,33		Apr. 10	53,987	7
	Jul. 19	21,451	43,97		Jul. 19	54,062	7
	Oct. 27	21,367	43,65		Oct. 27	54,131	7
	Dec. 66	21,288	43,39		Dec. 66	54,195	7
1776	Jan. 1	13 13 24,454	— 9 59 2,57	1786	Jan. 0	13 13 57,316	— 10 2 26
	Apr. 10	24,379	2,35		Apr. 10	57,375	26
	Jul. 19	24,311	2,18		Jul. 19	57,428	26
	Oct. 27	24,250	2,08		Oct. 27	57,473	26
	Dec. 66	24,196	2,03		Dec. 66	57,511	26
1777	Jan. 0	13 13 27,353	— 9 59 21,14	1787	Jan. 0	13 14 0,639	— 10 2 45
	Apr. 10	27,304	21,13		Apr. 10	0,670	45
	Jul. 19	27,264	21,19		Jul. 19	0,693	45
	Oct. 27	27,232	21,30		Oct. 27	0,707	45
	Dec. 66	27,209	21,48		Dec. 66	0,713	44
1778	Jan. 0	13 13 30,357	— 9 59 40,51	1788	Jan. 1	13 14 3,854	— 10 3 4
	Apr. 10	30,340	40,72		Apr. 10	3,853	3
	Jul. 19	30,331	40,99		Jul. 19	3,843	3
	Oct. 27	30,332	41,30		Oct. 27	3,824	3
	Dec. 66	30,341	41,67		Dec. 66	3,796	2
1779	Jan. 0	13 13 33,478	— 10 0 0,63	1789	Jan. 0	13 14 6,948	— 10 3 21
	Apr. 10	33,493	1,03		Apr. 10	6,915	21
	Jul. 19	33,517	1,47		Jul. 19	6,873	20
	Oct. 27	33,549	1,95		Oct. 27	6,823	20
	Dec. 66	33,589	2,46		Dec. 66	6,765	19

Tabulae X. Sect. II. *α Virginis.*

	1780		1780		Var. 10 annor.	
	″	″	″	″		
Ja. 0	−0,191	+33,4	+ 2,13	−20,2	−3	+2
10	+0,143	+33,1	+ 0,08	−20,5	−3	+2
20	+0,470	+31,9	− 1,96	−20,1	−3	+2
30	+0,780	+29,8	− 3,94	−19,2	−3	+2
Febr. 9	+1,065	+27,0	− 5,80	−17,8	−2	+2
19	+1,319	+23,8	− 7,49	−15,9	−2	+2
Mrt. 1	+1,540	+20,3	− 8,98	−13,8	−2	+2
11	+1,724	+16,6	−10,24	−11,5	−1	+2
21	+1,872	+13,1	−11,27	− 9,2	0	+2
31	+1,986	+ 9,7	−12,08	− 7,0	0	+1
Apr. 10	+2,066	+ 6,6	−12,66	− 4,9	+1	+1
20	+2,117	+ 3,8	−13,05	− 3,0	+1	+1
30	+2,141	+ 1,2	−13,25	− 1,3	+2	+1
Mai. 10	+2,140	− 1,2	−13,30	+ 0,2	+2	0
20	+2,118	− 3,2	−13,21	+ 1,6	+3	0
30	+2,076	− 5,1	−12,99	+ 2,7	+3	0
Jun. 9	+2,017	− 6,6	−12,68	+ 3,6	+3	0
19	+1,944	− 8,0	−12,28	+ 4,4	+3	−1
29	+1,857	− 9,3	−11,81	+ 5,1	+4	−1
Jul. 9	+1,759	−10,2	−11,27	+ 5,6	+4	−1
19	+1,653	−10,8	−10,69	+ 6,0	+4	−1
29	+1,543	−11,0	−10,07	+ 6,3	+3	−1
Aug. 8	+1,433	−10,8	− 9,44	+ 6,3	+3	−1
18	+1,328	−10,0	− 8,82	+ 6,0	+3	−1
28	+1,234	− 8,6	− 8,24	+ 5,5	+3	−1
Sept. 7	+1,157	− 6,5	− 7,73	+ 4,6	+2	−1
17	+1,104	− 3,8	− 7,33	+ 3,3	+2	−1
27	+1,082	− 0,4	− 7,08	+ 1,6	+1	0
Oct. 7	+1,096	+ 3,6	− 7,02	− 0,6	+1	0
17	+1,153	+ 8,0	− 7,19	− 3,0	0	0
27	+1,255	+12,6	− 7,61	− 5,6	0	+1
Nov. 6	+1,404	+17,2	− 8,31	− 8,4	−1	+1
16	+1,599	+21,7	− 9,29	−11,3	−1	+2
26	+1,837	+25,7	−10,56	−13,9	−1	+2
Dec. 6	+2,112	+29,0	−12,07	−16,3	−2	+3
16	+2,417	+31,5	−13,81	−18,2	−2	+3
26	+2,741	+32,9	−15,71	−19,6	−2	+3
36	+3,075	+33,4	−17,72	−20,4	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	13 13 6,2634	− 9 57 14,425
1771	13 9,4032	57 33,528
1772	13 12,5431	57 52,628
1773	13 15,6831	58 11,728
1774	13 18,8232	58 30,826
1775	13 21,9634	58 49,923
1776	13 25,1037	59 9,018
1777	13 28,2442	59 28,112
1778	13 31,3848	59 47,204
1779	13 34,5255	−10 0 6,295
1780	13 37,6663	0 25,384
1781	13 40,8072	0 44,472
1782	13 43,9482	1 3,558
1783	13 47,0893	1 22,642
1784	13 50,2305	1 41,725
1785	13 53,3719	2 0,806
1786	13 56,5134	2 19,886
1787	13 59,6550	2 38,964
1788	14 2,7967	2 58,041
1789	14 5,9385	3 17,116
1790	14 9,0804	3 36,190

Diei reducto addendum est:

ante } Oct. 12 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Bootis.*

		h ′ ″	° ′ ″
1770	Jan. 0	14 5 11,506	+20 23 14,37
	Apr. 10	11,462	14,95
	Jul. 19	11,412	15,55
	Oct. 27	11,355	16,18
	Dec. 66	11,291	16,84
1771	Jan. 0	14 5 14,045	+20 22 57,50
	Apr. 10	13,977	58,17
	Jul. 19	13,905	58,85
	Oct. 27	13,828	59,54
	Dec. 66	13,746	23 0,23
1772	Jan. 1	14 5 16,505	+20 22 40,89
	Apr. 10	16,421	41,58
	Jul. 19	16,335	42,25
	Oct. 27	16,247	42,91
	Dec. 66	16,156	43,56
1773	Jan. 0	14 5 18,918	+20 22 24,23
	Apr. 10	18,827	24,86
	Jul. 19	18,737	25,45
	Oct. 27	18,648	25,00
	Dec. 66	18,561	26,52
1774	Jan. 0	14 5 21,321	+20 22 7,24
	Apr. 10	21,235	7,73
	Jul. 19	21,152	8,16
	Oct. 27	21,074	8,54
	Dec. 66	20,999	8,87
1775	Jan. 0	14 5 23,755	+20 21 49,66
	Apr. 10	23,683	49,95
	Jul. 19	23,618	50,17
	Oct. 27	23,558	50,34
	Dec. 66	23,505	50,44
1776	Jan. 1	14 5 26,254	+20 21 31,30
	Apr. 10	26,205	31,36
	Jul. 19	26,164	31,35
	Oct. 27	26,131	31,28
	Dec. 66	26,106	31,15
1777	Jan. 0	14 5 28,845	+20 21 12,10
	Apr. 10	28,825	11,92
	Jul. 19	28,814	11,68
	Oct. 27	28,810	11,38
	Dec. 66	28,815	11,02
1778	Jan. 0	14 5 31,545	+20 20 52,04
	Apr. 10	31,555	51,66
	Jul. 19	31,573	51,24
	Oct. 27	31,599	50,76
	Dec. 66	31,633	50,23
1779	Jan. 0	14 5 34,353	+20 20 31,31
	Apr. 10	34,392	30,76
	Jul. 19	34,437	30,19
	Oct. 27	34,488	29,58
	Dec. 66	34,546	28,95
1780	Jan. 1	14 5 37,258	+20 20 10,0
	Apr. 10	37,320	9,4
	Jul. 19	37,387	8,7
	Oct. 27	37,458	8,1
	Dec. 66	37,534	7,4
1781	Jan. 0	14 5 40,240	+20 19 48,5
	Apr. 10	40,319	47,8
	Jul. 19	40,400	47,2
	Oct. 27	40,483	46,5
	Dec. 66	40,568	45,9
1782	Jan. 0	14 5 43,271	+20 19 27,0
	Apr. 10	43,357	26,
	Jul. 19	43,443	25,8
	Oct. 27	43,529	25,
	Dec. 66	43,614	24,
1783	Jan. 0	14 5 46,318	+20 19 5,
	Apr. 10	46,403	5,
	Jul. 19	46,485	4,
	Oct. 27	46,564	4,
	Dec. 66	46,641	4,
1784	Jan. 1	14 5 49,347	+20 18 45,1
	Apr. 10	49,421	44,
	Jul. 19	49,491	44,
	Oct. 27	49,556	44,
	Dec. 66	49,616	44,
1785	Jan. 0	14 5 52,329	+20 18 25,
	Apr. 10	52,385	24,
	Jul. 19	52,434	24,
	Oct. 27	52,477	24,
	Dec. 66	52,514	24,
1786	Jan. 0	14 5 55,234	+20 18 5,
	Apr. 10	55,266	5,
	Jul. 19	55,290	5,
	Oct. 27	55,306	6,
	Dec. 66	55,315	6,
1787	Jan. 0	14 5 58,045	+20 17 47,
	Apr. 10	58,048	47,
	Jul. 19	58,043	47,
	Oct. 27	58,030	48,
	Dec. 66	58,009	48,
1788	Jan. 1	14 6 0,748	+20 17 29,
	Apr. 10	0,722	29,
	Jul. 19	0,688	30,
	Oct. 27	0,647	31,
	Dec. 66	0,598	31,
1789	Jan. 0	14 6 3,347	+20 17 12,
	Apr. 10	3,293	13,
	Jul. 19	3,233	13,
	Oct. 27	3,168	14,
	Dec. 66	3,096	14,

Tabulae X. Sect. II. *α Bootis.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
n. 0	−0,534	+32,3	− 7,64	−24,3	−3	+2	1770	14 5 10,6508	+20 23 18,597
10	−0,208	+32,9	− 9,95	−21,6	−3	+2	1771	5 13,3825	22 59,482
20	+0,124	+33,0	−11,96	−18,3	−3	+2	1772	5 16,1142	22 40,368
30	+0,451	+32,0	−13,60	−14,4	−3	+2	1773	5 18,8459	22 21,256
br. 9	+0,763	+30,1	−14,83	−10,1	−3	+1	1774	5 21,5776	22 2,146
							1775	5 24,3093	21 43,038
19	+1,053	+27,6	−15,61	− 5,6	−3	+1	1776	5 27,0410	21 23,932
rt. 1	+1,314	+24,6	−15,95	− 1,2	−2	+1	1777	5 29,7727	21 4,829
11	+1,544	+21,3	−15,85	+ 3,0	−2	0	1778	5 32,5045	20 45,728
21	+1,739	+17,7	−15,35	+ 6,8	−2	0	1779	5 35,2363	20 26,629
31	+1,898	+14,2	−14,50	+10,0	−1	0	1780	5 37,9681	20 7,532
							1781	5 40,6999	19 48,437
r. 10	+2,022	+10,7	−13,36	+12,6	−1	−1	1782	5 43,4317	19 29,344
20	+2,112	+ 7,4	−11,99	+14,4	0	−1	1783	5 46,1635	19 10,254
30	+2,170	+ 4,3	−10,48	+15,5	0	−1	1784	5 48,8953	18 51,166
j. 10	+2,198	+ 1,4	− 8,89	+16,0	+1	−1	1785	5 51,6272	18 32,080
20	+2,198	− 1,3	− 7,29	+15,7	+1	−1	1786	5 54,3591	18 12,996
							1787	5 57,0910	17 53,914
30	+2,172	− 3,8	− 5,75	+14,9	+1	−1	1788	5 59,8229	17 34,835
l. 9	+2,122	− 6,1	− 4,31	+13,7	+2	−1	1789	6 2,5548	17 15,757
19	+2,050	− 8,2	− 3,02	+11,9	+2	−1	1790	6 5,2867	16 56,682
29	+1,958	−10,1	− 1,93	+ 9,9	+2	−1			
J. 9	+1,849	−11,7	− 1,05	+ 7,6	+3	−1			
19	+1,725	−12,9	− 0,42	+ 5,1	+3	0			
29	+1,591	−13,8	− 0,04	+ 2,4	+3	0			
Ag. 8	+1,449	−14,3	+ 0,06	− 0,4	+3	0			
18	+1,306	−14,1	− 0,12	− 3,3	+3	0			
28	+1,168	−13,3	− 0,59	− 6,2	+3	+1			
St. 7	+1,040	−11,9	− 1,35	− 9,1	+2	+1			
17	+0,931	− 9,7	− 2,41	−12,0	+2	+2			
27	+0,847	− 6,8	− 3,75	−14,9	+2	+2			
O. 7	+0,796	− 3,1	− 5,38	−17,7	+1	+2			
17	+0,785	+ 1,2	− 7,28	−20,3	+1	+3			
27	+0,819	+ 5,8	− 9,44	−22,7	0	+3			
N. 6	+0,900	+10,7	−11,82	−24,7	0	+4			
16	+1,032	+15,7	−14,37	−26,2	−1	+4			
26	+1,213	+20,3	−17,06	−27,2	−1	+4			
D. 6	+1,438	+24,6	−19,80	−27,4	−2	+4			
16	+1,704	+28,1	−22,54	−26,9	−2	+5			
26	+2,000	+30,8	−25,18	−25,5	−2	+5			
36	+2,319	+32,5	−27,64	−23,4	−3	+4			

Diei reducto addendum est:

ante } Oct. 26 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 1*a* *Librae.*

		h	′	″	°	′	″
1770	Jan. 0	14	38	1,200	— 15	1	42,56
	Apr. 10			1,179			41,90
	Jul. 19			1,150			41,23
	Oct. 27			1,111			40,54
	Dec. 66			1,063			39,83
1771	Jan. 0	14	38	4,372	— 15	1	55,62
	Apr. 10			4,318			54,91
	Jul. 19			4,256			54,19
	Oct. 27			4,187			53,48
	Dec. 66			4,111			52,77
1772	Jan. 1	14	38	7,429	— 15	2	8,56
	Apr. 10			7,348			7,86
	Jul. 19			7,261			7,19
	Oct. 27			7,170			6,54
	Dec. 66			7,073			5,92
1773	Jan. 0	14	38	10,398	— 15	2	21,67
	Apr. 10			10,299			21,07
	Jul. 19			10,198			20,52
	Oct. 27			10,095			20,02
	Dec. 66			9,990			19,56
1774	Jan. 0	14	38	13,317	— 15	2	35,26
	Apr. 10			13,212			34,83
	Jul. 19			13,109			34,47
	Oct. 27			13,007			34,17
	Dec. 66			12,906			33,93
1775	Jan. 0	14	38	16,232	— 15	2	49,54
	Apr. 10			16,133			49,35
	Jul. 19			16,039			49,22
	Oct. 27			15,950			49,16
	Dec. 66			15,866			49,16
1776	Jan. 1	14	38	19,186	— 15	3	4,69
	Apr. 10			19,106			4,74
	Jul. 19			19,033			4,86
	Oct. 27			18,967			5,04
	Dec. 66			18,909			5,29
1777	Jan. 0	14	38	22,220	— 15	3	20,74
	Apr. 10			22,167			21,03
	Jul. 19			22,123			21,37
	Oct. 27			22,088			21,77
	Dec. 66			22,062			22,23
1778	Jan. 0	14	38	25,362	— 15	3	37,61
	Apr. 10			25,342			38,10
	Jul. 19			25,332			38,63
	Oct. 27			25,331			39,20
	Dec. 66			25,339			39,81
1779	Jan. 0	14	38	28,628	— 15	3	55,13
	Apr. 10			28,643			55,77
	Jul. 19			28,666			56,42
	Oct. 27			28,698			57,09
	Dec. 66			28,738			57,77
1780	Jan. 1	14	38	32,017	— 15	4	13,0
	Apr. 10			32,063			13,7
	Jul. 19			32,117			14,4
	Oct. 27			32,178			15,1
	Dec. 66			32,247			15,8
1781	Jan. 0	14	38	35,516	— 15	4	31,1
	Apr. 10			35,589			31,8
	Jul. 19			35,667			32,5
	Oct. 27			35,750			33,1
	Dec. 66			35,839			33,7
1782	Jan. 0	14	38	39,102	— 15	4	49,1
	Apr. 10			39,193			49,7
	Jul. 19			39,287			50,3
	Oct. 27			39,383			50,8
	Dec. 66			39,482			51,3
1783	Jan. 0	14	38	42,742	— 15	5	6,6
	Apr. 10			42,842			7,1
	Jul. 19			42,941			7,5
	Oct. 27			43,040			7,8
	Dec. 66			43,139			8,1
1784	Jan. 1	14	38	46,399	— 15	5	23,6
	Apr. 10			46,497			23,8
	Jul. 19			46,592			24,0
	Oct. 27			46,684			24,2
	Dec. 66			46,772			24,3
1785	Jan. 0	14	38	50,037	— 15	5	39,8
	Apr. 10			50,122			39,8
	Jul. 19			50,202			39,8
	Oct. 27			50,276			39,7
	Dec. 66			50,344			39,5
1786	Jan. 0	14	38	53,616	— 15	5	55,1
	Apr. 10			53,680			54,9
	Jul. 19			53,736			54,7
	Oct. 27			53,784			54,4
	Dec. 66			53,825			54,0
1787	Jan. 0	14	38	57,106	— 15	6	9,6
	Apr. 10			57,141			9,2
	Jul. 19			57,167			8,8
	Oct. 27			57,183			8,3
	Dec. 66			57,190			7,7
1788	Jan. 1	14	39	0,483	— 15	6	23,4
	Apr. 10			0,484			22,8
	Jul. 19			0,476			22,2
	Oct. 27			0,458			21,6
	Dec. 66			0,430			20,9
1789	Jan. 0	14	39	3,735	— 15	6	36,6
	Apr. 10			3,701			35,9
	Jul. 19			3,658			35,3
	Oct. 27			3,607			34,5
	Dec. 66			3,548			33,8

Tabulae X. Sect. II. 1 α *Librae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−0,674	+31,7	+ 3,41	−15,5	−3	+1	1770	14 38 0,1012	−15 1 39,152
10	−0,349	+32,9	+ 1,80	−16,4	−3	+1	1771	38 3,3927	1 54,711
20	−0,016	+33,2	+ 0,13	−16,8	−3	+2	1772	38 6,6844	2 10,266
30	+0,315	+32,6	− 1,56	−16,7	−3	+2	1773	38 9,9763	2 25,819
Febr. 9	+0,636	+31,2	− 3,20	−16,0	−3	+2	1774	38 13,2683	2 41,368
							1775	38 16,5605	2 56,914
19	+0,939	+29,2	− 4,75	−14,8	−3	+2	1776	38 19,8528	3 12,457
Mrt. 1	+1,220	+26,8	− 6,16	−13,3	−2	+2	1777	38 23,1453	3 27,997
11	+1,475	+24,1	− 7,41	−11,6	−2	+3	1778	38 26,4379	3 43,534
21	+1,702	+21,3	− 8,48	− 9,8	−1	+3	1779	38 29,7307	3 59,067
31	+1,900	+18,4	− 9,36	− 7,9	−1	+3	1780	38 33,0237	4 14,598
							1781	38 36,3168	4 30,125
Apr. 10	+2,069	+15,4	−10,06	− 6,2	0	+2	1782	38 39,6101	4 45,650
20	+2,208	+12,6	−10,59	− 4,5	0	+2	1783	38 42,9035	5 1,171
30	+2,320	+ 9,8	−10,96	− 3,0	+1	+2	1784	38 46,1971	5 16,689
Mai. 10	+2,403	+ 6,9	−11,19	− 1,7	+1	+2	1785	38 49,4908	5 32,204
20	+2,458	+ 4,2	−11,30	− 0,6	+2	+2	1786	38 52,7847	5 47,716
							1787	38 56,0787	6 3,225
30	+2,487	+ 1,6	−11,31	+ 0,4	+2	+2	1788	38 59,3729	6 18,730
Jun. 9	+2,489	− 1,2	−11,23	+ 1,3	+3	+2	1789	39 2,6673	6 34,233
19	+2,464	− 3,8	−11,06	+ 2,0	+3	+1	1790	39 5,9618	6 49,732
29	+2,414	− 6,3	−10,83	+ 2,7	+4	+1			
Jul. 9	+2,339	− 8,6	−10,52	+ 3,4	+4	+1			
19	+2,242	−10,6	−10,16	+ 3,9	+4	+1			
29	+2,127	−12,2	− 9,74	+ 4,4	+4	+1			
Aug. 8	+1,998	−13,4	− 9,28	+ 4,9	+4	0			
18	+1,860	−13,9	− 8,77	+ 5,1	+4	0			
28	+1,720	−13,7	− 8,25	+ 5,2	+4	0			
Sept. 7	+1,586	−12,7	− 7,73	+ 5,0	+3	0			
17	+1,467	−10,8	− 7,25	+ 4,5	+3	0			
27	+1,370	− 8,1	− 6,83	+ 3,7	+3	0			
Oct. 7	+1,305	− 4,6	− 6,51	+ 2,5	+2	0			
17	+1,279	− 0,4	− 6,33	+ 0,9	+2	+1			
27	+1,298	+ 4,4	− 6,34	− 1,1	+1	+1			
Nov. 6	+1,367	+ 9,4	− 6,55	− 3,3	+1	+1			
16	+1,486	+14,5	− 6,99	− 5,7	0	+2			
26	+1,657	+19,4	− 7,69	− 8,2	0	+2			
Dec. 6	+1,874	+23,8	− 8,63	−10,6	−1	+3			
16	+2,132	+27,5	− 9,81	−12,8	−1	+3			
26	+2,424	+30,4	−11,18	−14,5	−1	+4			
36	+2,739	+32,3	−12,71	−15,9	−2	+4			

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 2α *Librae.*

		h ′ ″	° ′ ″
1770	Jan. 0	14 38 12,463	— 15 4 25,82
	Apr. 10	12,443	25,16
	Jul. 19	12,413	24,49
	Oct. 27	12,374	23,80
	Dec. 66	12,326	23,08
1771	Jan. 0	14 38 15,637	— 15 4 38,85
	Apr. 10	15,583	38,13
	Jul. 19	15,522	37,42
	Oct. 27	15,453	36,71
	Dec. 66	15,376	36,00
1772	Jan. 1	14 38 18,696	— 15 4 51,76
	Apr. 10	18,615	51,06
	Jul. 19	18,529	50,39
	Oct. 27	18,438	49,74
	Dec. 66	18,341	49,11
1773	Jan. 0	14 38 21,667	— 15 5 4,84
	Apr. 10	21,568	4,25
	Jul. 19	21,467	3,69
	Oct. 27	21,364	3,19
	Dec. 66	21,259	2,73
1774	Jan. 0	14 38 24,589	— 15 5 18,39
	Apr. 10	24,484	17,97
	Jul. 19	24,380	17,61
	Oct. 27	24,278	17,31
	Dec. 66	24,177	17,07
1775	Jan. 0	14 38 27,505	— 15 5 32,66
	Apr. 10	27,406	32,46
	Jul. 19	27,312	32,33
	Oct. 27	27,225	32,27
	Dec. 66	27,139	32,27
1776	Jan. 1	14 38 30,461	— 15 5 47,78
	Apr. 10	30,381	47,83
	Jul. 19	30,308	47,95
	Oct. 27	30,242	48,13
	Dec. 66	30,183	48,38
1777	Jan. 0	14 38 33,497	— 15 6 3,80
	Apr. 10	33,444	4,09
	Jul. 19	33,400	4,43
	Oct. 27	33,365	4,83
	Dec. 66	33,338	5,29
1778	Jan. 0	14 38 36,641	— 15 6 20,64
	Apr. 10	36,621	21,13
	Jul. 19	36,610	21,66
	Oct. 27	36,609	22,23
	Dec. 66	36,617	22,84
1779	Jan. 0	14 38 39,908	— 15 6 38,13
	Apr. 10	39,923	38,77
	Jul. 19	39,946	39,42
	Oct. 27	39,978	40,09
	Dec. 66	40,019	40,78
1780	Jan. 1	14 38 43,299	— 15 6 5
	Apr. 10	43,345	5
	Jul. 19	43,399	5
	Oct. 27	43,460	5
	Dec. 66	43,529	5
1781	Jan. 0	14 38 46,800	— 15 7 1
	Apr. 10	46,873	1
	Jul. 19	46,951	1
	Oct. 27	47,034	1
	Dec. 66	47,123	1
1782	Jan. 0	14 38 50,388	— 15 7
	Apr. 10	50,479	
	Jul. 19	50,573	
	Oct. 27	50,669	
	Dec. 66	50,768	
1783	Jan. 0	14 38 54,030	— 15 7
	Apr. 10	54,230	
	Jul. 19	54,229	
	Oct. 27	54,328	
	Dec. 66	54,427	
1784	Jan. 1	14 38 57,690	— 15 8
	Apr. 10	57,788	
	Jul. 19	57,882	
	Oct. 27	57,974	
	Dec. 66	58,063	
1785	Jan. 0	14 39 1,329	— 15 8
	Apr. 10	1,415	
	Jul. 19	1,495	
	Oct. 27	1,569	
	Dec. 66	1,637	
1786	Jan. 0	14 39 4,911	— 15 8
	Apr. 10	4,975	
	Jul. 19	5,031	
	Oct. 27	5,079	
	Dec. 66	5,120	
1787	Jan. 0	14 39 8,403	— 15 8
	Apr. 10	8,438	
	Jul. 19	8,463	
	Oct. 27	8,480	
	Dec. 66	8,487	
1788	Jan. 1	14 39 11,782	— 15 9
	Apr. 10	11,783	
	Jul. 19	11,774	
	Oct. 27	11,755	
	Dec. 66	11,727	
1789	Jan. 0	14 39 15,035	— 15 9
	Apr. 10	15,001	
	Jul. 19	14,959	
	Oct. 27	14,908	
	Dec. 66	14,848	

Tabulae X. Sect. II. 2a *Librae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	−0,675	+31,7	+ 5,42	−15,4	−3	+1	1770	14 38 11,3642	− 15 4 22,416
10	−0,350	+32,9	+ 1,81	−16,4	−3	+1	1771	38 14,6577	4 37,945
20	−0,017	+33,2	+ 0,14	−16,8	−3	+2	1772	38 17,9514	4 53,471
30	+0,314	+32,6	− 1,54	−16,6	−3	+2	1773	38 21,2452	5 8,994
Febr. 9	+0,635	+31,2	− 3,18	−16,0	−3	+2	1774	38 24,5392	5 24,514
							1775	38 27,8334	5 40,031
19	+0,938	+29,3	− 4,73	−14,8	−3	+2	1776	38 31,1277	5 55,545
Mart. 1	+1,220	+26,9	− 6,14	−13,3	−2	+2	1777	38 34,4222	6 11,056
11	+1,475	+24,1	− 7,39	−11,6	−2	+3	1778	38 37,7168	6 26,563
21	+1,702	+21,3	− 8,46	− 9,8	−1	+3	1779	38 41,0116	6 42,067
31	+1,900	+18,4	− 9,35	− 8,0	−1	+3	1780	38 44,3064	6 57,568
							1781	38 47,6015	7 13,066
Apr. 10	+2,069	+15,5	−10,05	− 6,2	0	+2	1782	38 50,8967	7 28,561
20	+2,209	+12,6	−10,58	− 4,5	0	+2	1783	38 54,1921	7 44,053
30	+2,320	+ 9,8	−10,95	− 3,0	+1	+2	1784	38 57,4876	7 59,541
Maj. 10	+2,404	+ 7,0	−11,18	− 1,7	+1	+2	1785	39 0,7833	8 15,027
20	+2,460	+ 4,3	−11,29	− 0,6	+2	+2	1786	39 4,0791	8 30,509
							1787	39 7,3751	8 45,988
30	+2,489	+ 1,5	−11,30	+ 0,4	+2	+2	1788	39 10,6712	9 1,464
Jun. 9	+2,490	− 1,2	−11,22	+ 1,2	+3	+2	1789	39 13,9675	9 16,937
19	+2,466	− 3,7	−11,06	+ 2,0	+3	+1	1790	39 17,2640	9 32,408
29	+2,416	− 6,3	−10,82	+ 2,7	+4	+1			
Jul. 9	+2,341	− 8,6	−10,52	+ 3,3	+4	+1			
19	+2,245	−10,6	−10,16	+ 3,9	+4	+1			
29	+2,129	−12,3	− 9,74	+ 4,5	+4	+1			
Aug. 8	+2,000	−13,4	− 9,27	+ 4,9	+4	0			
18	+1,862	−13,9	− 8,77	+ 5,1	+4	0			
28	+1,722	−13,7	− 8,25	+ 5,2	+4	0			
Sept. 7	+1,588	−12,7	− 7,73	+ 5,1	+3	0			
17	+1,468	−10,8	− 7,24	+ 4,6	+3	0			
27	+1,372	− 8,1	− 6,82	+ 3,7	+3	0			
Oct. 7	+1,307	− 4,6	− 6,50	+ 2,5	+2	0			
17	+1,280	− 0,4	− 6,32	+ 0,9	+2	+1			
27	+1,299	+ 4,4	− 6,32	− 1,1	+1	+1			
Nov. 6	+1,368	+ 9,5	− 6,53	− 3,3	+1	+1			
16	+1,488	+14,5	− 6,97	− 5,7	0	+2			
26	+1,658	+19,4	− 7,66	− 8,2	0	+2			
Dec. 6	+1,875	+23,8	− 8,60	−10,6	−1	+3			
16	+2,133	+27,5	− 9,77	−12,7	−1	+3			
26	+2,425	+30,4	−11,14	−14,5	−1	+4			
36	+2,740	+32,3	−12,67	−15,9	−2	+4			

Diei reducto addendum est:

ante / post Nov. 4 { +1 / +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Coronae.*

		h ′ ″	° ′ ″
1770	Jan. 0	15 24 58,119	+27 30 0,19
	Apr. 10	58,078	0,93
	Jul. 19	58,031	1,68
	Oct. 27	57,977	2,41
	Dec. 66	57,918	3,19
1771	Jan. 0	15 25 0,474	+27 29 50,31
	Apr. 10	0,411	51,07
	Jul. 19	0,344	51,81
	Oct. 27	0,273	52,53
	Dec. 66	0,198	53,24
1772	Jan. 1	15 25 2,758	+27 29 40,38
	Apr. 10	2,681	41,07
	Jul. 19	2,602	41,71
	Oct. 27	2,522	42,32
	Dec. 66	2,440	42,89
1773	Jan. 0	15 25 5,004	+27 29 30,08
	Apr. 10	4,921	30,62
	Jul. 19	4,840	31,10
	Oct. 27	4,760	31,52
	Dec. 66	4,681	31,88
1774	Jan. 0	15 25 7,243	+27 29 19,14
	Apr. 10	7,165	19,46
	Jul. 19	7,091	19,71
	Oct. 27	7,021	19,89
	Dec. 66	6,955	20,00
1775	Jan. 0	15 25 9,512	+27 29 7,35
	Apr. 10	9,449	7,41
	Jul. 19	9,391	7,40
	Oct. 27	9,338	7,32
	Dec. 66	9,291	7,17
1776	Jan. 1	15 25 11,841	+27 28 54,61
	Apr. 10	11,800	54,41
	Jul. 19	11,765	54,14
	Oct. 27	11,738	53,82
	Dec. 66	11,717	53,42
1777	Jan. 0	15 25 14,258	+27 28 40,94
	Apr. 10	14,242	40,51
	Jul. 19	14,234	40,02
	Oct. 27	14,234	39,49
	Dec. 66	14,240	38,90
1778	Jan. 0	15 25 16,772	+27 28 26,49
	Apr. 10	16,782	25,88
	Jul. 19	16,802	25,23
	Oct. 27	16,827	24,55
	Dec. 66	16,860	23,84
1779	Jan. 0	15 25 19,384	+27 28 11,48
	Apr. 10	19,421	10,75
	Jul. 19	19,464	10,02
	Oct. 27	19,512	9,28
	Dec. 66	19,566	8,53
1780	Jan. 1	15 25 22,083	+27 27 56,18
	Apr. 10	22,141	55,43
	Jul. 19	22,202	54,70
	Oct. 27	22,268	53,98
	Dec. 66	22,338	53,28
1781	Jan. 0	15 25 24,849	+27 27 40,91
	Apr. 10	24,921	40,23
	Jul. 19	24,995	39,57
	Oct. 27	25,071	38,95
	Dec. 66	25,148	38,36
1782	Jan. 0	15 25 27,657	+27 27 25,95
	Apr. 10	27,735	25,39
	Jul. 19	27,813	24,85
	Oct. 27	27,891	24,45
	Dec. 66	27,968	24,05
1783	Jan. 0	15 25 30,478	+27 27 11,55
	Apr. 10	30,554	11,15
	Jul. 19	30,627	10,87
	Oct. 27	30,698	10,65
	Dec. 66	30,767	10,45
1784	Jan. 1	15 25 33,280	+27 26 57,90
	Apr. 10	33,346	57,70
	Jul. 19	33,408	57,65
	Oct. 27	33,465	57,65
	Dec. 66	33,518	57,75
1785	Jan. 0	15 25 36,036	+27 26 45,11
	Apr. 10	36,085	45,21
	Jul. 19	36,128	45,38
	Oct. 27	36,165	45,61
	Dec. 66	36,196	45,97
1786	Jan. 0	15 25 38,722	+27 26 33,25
	Apr. 10	38,749	33,50
	Jul. 19	38,768	33,95
	Oct. 27	38,781	34,40
	Dec. 66	38,786	34,91
1787	Jan. 0	15 25 41,321	+27 26 22,15
	Apr. 10	41,322	22,65
	Jul. 19	41,315	23,27
	Oct. 27	41,302	23,90
	Dec. 66	41,280	24,56
1788	Jan. 1	15 25 43,823	+27 26 11,76
	Apr. 10	43,797	12,45
	Jul. 19	43,764	13,15
	Oct. 27	43,725	13,88
	Dec. 66	43,679	14,63
1789	Jan. 0	15 25 46,230	+27 26 1,81
	Apr. 10	46,180	2,56
	Jul. 19	46,124	3,32
	Oct. 27	46,064	4,07
	Dec. 66	45,998	4,83

Tabulae X. Sect. II. *α Coronae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
an. 0	−1,011	+28,1	− 7,81	−27,4	−2	+2	1770	15 24 57,3569	+27 30 2,300
10	−0,715	+30,7	−10,44	−24,8	−2	+2	1771	24 59,8920	29 49,670
20	−0,398	+32,3	−12,76	−21,3	−2	+2	1772	25 2,4261	29 37,043
30	−0,070	+32,9	−14,70	−17,1	−3	+2	1773	25 4,9622	29 24,419
ebr. 9	+0,260	+32,7	−16,18	−12,3	−3	+1	1774	25 7,4974	29 11,798
							1775	25 10,0326	28 59,181
19	+0,583	+31,7	−17,16	− 7,2	−3	+1	1776	25 12,5678	28 46,566
lart. 1	+0,893	+29,9	−17,62	− 2,0	−3	+1	1777	25 15,1030	28 33,954
11	+1,181	+27,6	−17,56	+ 3,1	−3	0	1778	25 17,6383	28 21,345
21	+1,445	+25,0	−17,00	+ 7,9	−2	0	1779	25 20,1736	28 8,739
31	+1,680	+22,0	−15,99	+12,1	−2	0	1780	25 22,7090	27 56,136
							1781	25 25,2443	27 43,536
pr. 10	+1,884	+18,8	−14,58	+15,8	−2	0	1782	25 27,7797	27 30,939
20	+2,056	+15,6	−12,84	+18,6	−1	−1	1783	25 30,3151	27 18,345
30	+2,195	+12,3	−10,86	+20,6	−1	−1	1784	25 32,8505	27 5,754
Iaj. 10	+2,301	+ 8,8	− 8,72	+21,8	0	−1	1785	25 35,3859	26 53,165
20	+2,371	+ 5,4	− 6,51	+22,1	0	−1	1786	25 37,9214	26 40,580
							1787	25 40,4569	26 27,997
30	+2,408	+ 2,1	− 4,30	+21,8	+1	−1	1788	25 42,9924	26 15,418
m. 9	+2,413	− 1,2	− 2,16	+20,7	+1	−1	1789	25 45,5279	26 2,842
19	+2,384	− 4,5	− 0,17	+18,9	+1	0	1790	25 48,0634	25 50,268
29	+2,324	− 7,5	+ 1,62	+16,7	+2	0			
il. 9	+2,234	−10,4	+ 3,17	+14,1	+2	0			
19	+2,117	−13,0	+ 4,44	+11,1	+2	0			
29	+1,975	−15,2	+ 5,39	+ 7,9	+2	0			
ıg. 8	+1,814	−16,9	+ 6,02	+ 4,5	+3	+1			
18	+1,637	−18,1	+ 6,29	+ 1,0	+3	+1			
28	+1,453	−18,4	+ 6,21	− 2,6	+3	+1			
pt. 7	+1,269	−18,1	+ 5,77	− 6,3	+3	+2			
17	+1,092	−16,8	+ 4,96	− 9,9	+2	+2			
27	+0,933	−14,7	+ 3,79	−13,5	+2	+3			
t. 7	+0,799	−11,7	+ 2,27	−16,9	+2	+3			
17	+0,699	− 7,9	+ 0,41	−20,2	+2	+3			
27	+0,641	− 3,4	− 1,76	−23,1	+1	+4			
ov. 6	+0,631	+ 1,6	− 4,21	−25,7	+1	+4			
16	+0,673	+ 6,9	− 6,90	−27,8	0	+4			
26	+0,768	+12,2	− 9,76	−29,2	0	+5			
c. 6	+0,916	+17,3	−12,73	−29,8	0	+5			
16	+1,114	+22,0	−15,72	−29,6	−1	+5			
26	+1,355	+25,9	−18,65	−28,6	−1	+5			
36	+1,632	+29,2	−21,43	−26,6	−2	+5			

Diei reducto addendum est:

ante / post } Nov. 15 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Serpentis.*

1770	Jan. 0	$15^h\,32'\,58''{,}073$	+	7°	9′	46″,85	1780	Jan. 1	$15^h\,33'\,25''{,}779$	+	7°	7′	49″,
	Apr. 10	58,041				47,60		Apr. 10	25,833				48,
	Jul. 19	58,001				48,36		Jul. 19	25,892				47,
	Oct. 27	57,954				49,12		Oct. 27	25,957				46,
	Dec. 66	57,900				49,89		Dec. 66	26,027				46,
1771	Jan. 0	15 33 0,864	+	7	9	37,67	1781	Jan. 0	15 33 28,949	+	7	7	34,
	Apr. 10	0,805				38,43		Apr. 10	29,022				33,
	Jul. 19	0,740				39,17		Jul. 19	29,099				33,
	Oct. 27	0,669				39,90		Oct. 27	29,179				32,
	Dec. 66	0,592				40,60		Dec. 66	29,263				31,
1772	Jan. 1	15 33 3,564	+	7	9	28,41	1782	Jan. 0	15 33 32,181	+	7	7	20
	Apr. 10	3,484				29,09		Apr. 10	32,267				19,
	Jul. 19	3,400				29,73		Jul. 19	32,354				19,
	Oct. 27	3,314				30,33		Oct. 27	32,441				18,
	Dec. 66	3,224				30,89		Dec. 66	32,530				18,
1773	Jan. 0	15 33 6,200	+	7	9	18,75	1783	Jan. 0	15 33 35,447	+	7	7	6,
	Apr. 10	6,108				19,28		Apr. 10	35,535				6,
	Jul. 19	6,016				19,74		Jul. 19	35,622				5,
	Oct. 27	5,924				20,14		Oct. 27	35,708				5,
	Dec. 66	5,832				20,48		Dec. 66	35,792				5,
1774	Jan. 0	15 33 8,808	+	7	9	8,42	1784	Jan. 1	15 33 38,711	+	7	6	53,
	Apr. 10	8,716				8,72		Apr. 10	38,793				53,
	Jul. 19	8,627				8,95		Jul. 19	38,871				53,
	Oct. 27	8,540				9,10		Oct. 27	38,946				53,
	Dec. 66	8,457				9,19		Dec. 66	39,016				53,
1775	Jan. 0	15 33 11,430	+	7	8	57,22	1785	Jan. 0	15 33 41,940	+	7	6	41,
	Apr. 10	11,349				57,26		Apr. 10	42,007				41,
	Jul. 19	11,273				57,22		Jul. 19	42,069				41,
	Oct. 27	11,203				57,13		Oct. 27	42,124				42,
	Dec. 66	11,137				56,94		Dec. 66	42,173				42,
1776	Jan. 1	15 33 14,104	+	7	8	45,06	1786	Jan. 0	15 33 45,104	+	7	6	30
	Apr. 10	14,043				44,83		Apr. 10	45,149				30,
	Jul. 19	13,990				44,54		Jul. 19	45,186				31,
	Oct. 27	13,944				44,19		Oct. 27	45,216				31,
	Dec. 66	13,906				43,77		Dec. 66	45,239				32,
1777	Jan. 0	15 33 16,865	+	7	8	31,98	1787	Jan. 0	15 33 48,179	+	7	6	20
	Apr. 10	16,830				31,52		Apr. 10	48,196				20,
	Jul. 19	16,803				31,01		Jul. 19	48,204				21,
	Oct. 27	16,786				30,45		Oct. 27	48,205				21,
	Dec. 66	16,777				29,84		Dec. 66	48,197				22,
1778	Jan. 0	15 33 19,725	+	7	8	18,11	1788	Jan. 1	15 33 51,147	+	7	6	10
	Apr. 10	19,722				17,48		Apr. 10	51,134				11,
	Jul. 19	19,727				16,81		Jul. 19	51,112				11,
	Oct. 27	19,740				16,12		Oct. 27	51,082				12,
	Dec. 66	19,761				15,40		Dec. 66	51,044				13,
1779	Jan. 0	15 33 22,699	+	7	8	3,70	1789	Jan. 0	15 33 54,005	+	7	6	1
	Apr. 10	22,726				2,97		Apr. 10	53,962				2,
	Jul. 19	22,760				2,23		Jul. 19	53,911				2,
	Oct. 27	22,802				1,48		Oct. 27	53,854				3,
	Dec. 66	22,850				0,72		Dec. 66	53,791				4,

Tabulae X. Sect. II. *α Serpentis.*

	1780		1780		Var. 10 annor.	
an. 0	−0,925	+27,0	− 2,84	−21,6	−2	+1
10	−0,643	+29,2	− 4,96	−20,6	−2	+2
20	−0,342	+30,5	− 6,95	−18,9	−3	+2
30	−0,033	+31,0	− 8,73	−16,5	−3	+2
ebr. 9	+0,277	+30,7	−10,25	−13,6	−3	+2
19	+0,580	+29,7	−11,45	−10,3	−3	+2
Iart. 1	+0,871	+28,3	−12,30	− 6,7	−3	+1
11	+1,145	+26,3	−12,79	− 3,1	−2	+1
21	+1,397	+24,1	−12,91	+ 0,6	−2	+1
31	+1,626	+21,7	−12,68	+ 3,8	−2	+1
pr. 10	+1,830	+19,1	−12,15	+ 6,7	−1	+1
20	+2,007	+16,4	−11,34	+ 9,1	−1	+1
30	+2,158	+13,7	−10,33	+10,9	0	+1
aj. 10	+2,280	+10,9	− 9,16	+12,2	0	+1
20	+2,375	+ 8,0	− 7,89	+13,0	+1	+1
30	+2,440	+ 5,1	− 6,57	+13,2	+1	+1
n. 9	+2,476	+ 2,1	− 5,26	+12,9	+1	+1
19	+2,481	− 0,9	− 3,99	+12,3	+2	+1
29	+2,458	− 3,8	− 2,81	+11,3	+2	+1
l. 9	+2,405	− 6,7	− 1,74	+10,0	+2	+1
19	+2,324	− 9,3	− 0,82	+ 8,5	+3	+1
29	+2,219	−11,6	− 0,05	+ 6,9	+3	+1
g. 8	+2,093	−13,5	+ 0,55	+ 5,1	+3	+1
18	+1,950	−14,8	+ 0,96	+ 3,1	+3	+1
28	+1,798	−15,4	+ 1,17	+ 1,1	+3	+1
pt. 7	+1,642	−15,3	+ 1,18	− 1,0	+3	+2
17	+1,493	−14,3	+ 0,97	− 3,3	+3	+2
27	+1,357	−12,4	+ 0,53	− 5,6	+3	+2
ct. 7	+1,245	− 9,7	− 0,14	− 8,0	+2	+2
17	+1,164	− 6,1	− 1,06	−10,4	+2	+3
27	+1,123	− 1,9	− 2,22	−12,9	+1	+3
v. 6	+1,126	+ 2,7	− 3,63	−15,2	+1	+3
16	+1,177	+ 7,6	− 5,26	−17,4	+1	+4
26	+1,278	+12,6	− 7,10	−19,2	0	+4
c. 6	+1,428	+17,3	− 9,10	−20,7	0	+4
16	+1,624	+21,5	−11,23	−21,6	−1	+5
26	+1,858	+25,1	−13,41	−21,8	−1	+5
36	+2,125	+27,9	−15,58	−21,3	−2	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	15 32 57,1379	− 7 9 48,731
1771	33 0,0836	9 36,768
1772	33 3,0294	9 24,808
1773	33 5,9752	9 12,852
1774	33 8,9211	9 0,898
1775	33 11,8670	8 48,949
1776	33 14,8130	8 37,003
1777	33 17,7591	8 25,061
1778	33 20,7052	8 13,122
1779	33 23,6514	8 1,186
1780	33 26,5977	7 49,254
1781	33 29,5440	7 37,326
1782	33 32,4904	7 25,401
1783	33 35,4369	7 13,480
1784	33 38,3834	7 1,561
1785	33 41,3300	6 49,647
1786	33 44,2767	6 37,736
1787	33 47,2234	6 25,829
1788	33 50,1702	6 13,925
1789	33 53,1170	6 2,023
1790	33 56,0639	5 50,127

Diei reducto addendum est:

ante / post } Nov. 17 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Scorpii.*

		α	δ
1770	Jan. 0	16 15 21,578	−25 54 5,13
	Apr. 10	21,554	4.33
	Jul. 19	21,521	3,54
	Oct. 27	21,477	2,76
	Dec. 66	21,423	1,98
1771	Jan. 0	16 15 25,095	−25 54 11,13
	Apr. 10	25,035	10,36
	Jul. 19	24,967	9,62
	Oct. 27	24,890	8,92
	Dec. 66	24,804	8,25
1772	Jan. 1	16 15 28,487	−25 54 17,35
	Apr. 10	28,397	16,71
	Jul. 19	28,301	16,12
	Oct. 27	28,199	15,58
	Dec. 66	28,092	15,09
1773	Jan. 0	16 15 31,782	−25 54 24,13
	Apr. 10	31,672	23,69
	Jul. 19	31,560	23,31
	Oct. 27	31,446	23,00
	Dec. 66	31,330	22,76
1774	Jan. 0	16 15 35,022	−25 54 31,71
	Apr. 10	34,906	31,52
	Jul. 19	34,792	31,41
	Oct. 27	34,679	31,37
	Dec. 66	34,568	31,40
1775	Jan. 0	16 15 38,259	−25 54 40,25
	Apr. 10	38,150	40,34
	Jul. 19	38,046	40,50
	Oct. 27	37,948	40,73
	Dec. 66	37,856	41,04
1776	Jan. 1	16 15 41,540	−25 54 49,80
	Apr. 10	41,452	50,15
	Jul. 19	41,372	50,56
	Oct. 27	41,300	51,04
	Dec. 66	41,236	51,53
1777	Jan. 0	16 15 44,910	−25 55 0,25
	Apr. 10	44,853	0,82
	Jul. 19	44,805	1,44
	Oct. 27	44,767	2,10
	Dec. 66	44,739	2,80
1778	Jan. 0	16 15 48,401	−25 55 11,41
	Apr. 10	48,380	12,14
	Jul. 19	48,369	12,88
	Oct. 27	48,367	13,64
	Dec. 66	48,376	14,43
1779	Jan. 0	16 15 52,028	−25 55 23,01
	Apr. 10	52,045	23,80
	Jul. 19	52,072	24,58
	Oct. 27	52,108	25,36
	Dec. 66	52,154	26,14
1780	Jan. 1	16 15 55,792	−25 55 34,7
	Apr. 10	55,844	35,4
	Jul. 19	55,905	36,2
	Oct. 27	55,973	36,9
	Dec. 66	56,050	37,6
1781	Jan. 0	16 15 59,678	−25 55 46,2
	Apr. 10	59,759	46,9
	Jul. 19	59,846	47,5
	Oct. 27	59,938	48,0
	Dec. 66	16 0,037	48,5
1782	Jan. 0	16 16 3,658	−25 55 57,2
	Apr. 10	3,759	57,7
	Jul. 19	3,863	58,1
	Oct. 27	3,970	58,5
	Dec. 66	4,079	58,8
1783	Jan. 0	16 16 7,697	−25 56 7,5
	Apr. 10	7,808	7,8
	Jul. 19	7,918	8,0
	Oct. 27	8,027	8,1
	Dec. 66	8,136	8,1
1784	Jan. 1	16 16 11,755	−25 56 17,0
	Apr. 10	11,863	17,0
	Jul. 19	11,968	16,9
	Oct. 27	12,069	16,8
	Dec. 66	12,166	16,6
1785	Jan. 0	16 16 15,789	−25 56 25,4
	Apr. 10	15,883	25,2
	Jul. 19	15,971	24,9
	Oct. 27	16,053	24,5
	Dec. 66	16,128	24,1
1786	Jan. 0	16 16 19,759	−25 56 33,0
	Apr. 10	19,829	32,5
	Jul. 19	19,890	32,0
	Oct. 27	19,942	31,4
	Dec. 66	19,986	30,8
1787	Jan. 0	16 16 23,628	−25 56 39,8
	Apr. 10	23,666	39,2
	Jul. 19	23,693	38,5
	Oct. 27	23,711	37,7
	Dec. 66	23,718	37,0
1788	Jan. 1	16 16 27,372	−25 56 46,1
	Apr. 10	27,372	45,3
	Jul. 19	27,362	44,5
	Oct. 27	27,341	43,7
	Dec. 66	27,310	42,9
1789	Jan. 0	16 16 30,977	−25 56 52,0
	Apr. 10	30,939	51,2
	Jul. 19	30,891	50,4
	Oct. 27	30,834	49,6
	Dec. 66	30,767	48,9

Tabulae X. Sect. II. *α Scorpii.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
n. 0	−1,185	+27,8	+4,25	−4,9	−3	−1	1770	16 15 20,3641	−25 54 4,507
10	−0,892	+30,6	+3,67	−6,5	−3	−1	1771	15 24,0172	54 13,396
20	−0,574	+32,6	+2,95	−7,8	−3	0	1772	15 27,6704	54 22,279
30	−0,241	+33,7	+2,12	−8,7	−4	0	1773	15 31,3238	54 31,158
br. 9	+0,099	+34,0	+1,21	−9,2	−4	+1	1774	15 34,9774	54 40,032
							1775	15 38,6312	54 48,901
19	+0,439	+33,7	+0,28	−9,4	−4	+1	1776	15 42,2851	54 57,765
art. 1	+0,773	+32,8	−0,66	−9,3	−3	+2	1777	15 45,9391	55 6,625
11	+1,095	+31,5	−1,57	−8,9	−3	+2	1778	15 49,5933	55 15,479
21	+1,402	+29,8	−2,43	−8,3	−3	+3	1779	15 53,2476	55 24,329
31	+1,690	+27,9	−3,23	−7,6	−2	+3	1780	15 56,9020	55 33,174
							1781	16 0,5567	55 42,014
r. 10	+1,959	+25,7	−3,95	−6,9	−2	+3	1782	16 4,2115	55 50,849
20	+2,204	+23,3	−4,61	−6,3	−1	+4	1783	16 7,8665	55 59,680
30	+2,424	+20,7	−5,20	−5,7	−1	+4	1784	16 11,5216	56 8,505
ij. 10	+2,617	+17,9	−5,74	−5,2	0	+4	1785	16 15,1770	56 17,326
20	+2,781	+14,8	−6,23	−4,7	+1	+4	1786	16 18,8324	56 26,142
							1787	16 22,4880	56 34,953
30	+2,912	+11,4	−6,67	−4,3	+1	+4	1788	16 26,1438	56 43,759
Ju. 9	+3,009	+ 7,9	−7,08	−3,9	+2	+4	1789	16 29,7997	56 52,560
19	+3,070	+ 4,2	−7,44	−3,4	+2	+4	1790	16 33,4557	57 1,356
29	+3,093	+ 0,4	−7,75	−2,9	+3	+4			
J. 9	+3,078	− 3,4	−8,01	−2,2	+4	+4			
19	+3,026	− 7,0	−8,19	−1,5	+4	+4			
29	+2,938	−10,4	−8,31	−0,7	+4	+3			
Ag. 8	+2,818	−13,3	−8,32	+0,4	+4	+3			
18	+2,673	−15,5	−8,23	+1,5	+5	+3			
28	+2,508	−17,0	−8,03	+2,6	+5	+2			
S t. 7	+2,333	−17,6	−7,72	+3,6	+5	+2			
17	+2,157	−17,1	−7,31	+4,5	+4	+2			
27	+1,991	−15,6	−6,82	+5,2	+4	+2			
O. 7	+1,846	−13,0	−6,28	+5,6	+4	+1			
17	+1,732	− 9,4	−5,71	+5,6	+3	+1			
27	+1,658	− 5,0	−5,16	+5,2	+3	+1			
N. 6	+1,632	+ 0,1	−4,67	+4,4	+2	+1			
16	+1,659	+ 5,5	−4,28	+3,3	+2	+2			
26	+1,742	+11,0	−4,02	+1,7	+1	+2			
D. 6	+1,879	+16,3	−3,94	−0,1	0	+2			
16	+2,067	+21,2	−4,04	−1,9	0	+3			
26	+2,302	+25,5	−4,32	−3,8	−1	+3			
36	+2,576	+28,9	−4,79	−5,5	−1	+4			

Diei reducto addendum est:

ante } Nov. 27 { +1
post } { +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Herculis.*

1770	Jan. 0	17	4	11,029	+14	40	6,81
	Apr. 10			11,000			7,62
	Jul. 19			10,963			8,42
	Oct. 27			10,920			9,20
	Dec. 66			10,869			9,96
1771	Jan. 0	17	4	13,615	+14	40	4,91
	Apr. 10			13,560			5,65
	Jul. 19			13,500			6,34
	Oct. 27			13,434			6,99
	Dec. 66			13,363			7,60
1772	Jan. 1	17	4	16,116	+14	40	2,60
	Apr. 10			16,042			3,17
	Jul. 19			15,964			3,68
	Oct. 27			15,884			4,12
	Dec. 66			15,800			4,51
1773	Jan. 0	17	4	18,557	+14	39	59,59
	Apr. 10			18,472			59,92
	Jul. 19			18,386		40	0,18
	Oct. 27			18,300			0,36
	Dec. 66			18,214			0,47
1774	Jan. 0	17	4	20,972	+14	39	55,65
	Apr. 10			20,886			55,71
	Jul. 19			20,803			55,69
	Oct. 27			20,722			55,59
	Dec. 66			20,644			55,41
1775	Jan. 0	17	4	23,399	+14	39	50,69
	Apr. 10			23,323			50,46
	Jul. 19			23,252			50,16
	Oct. 27			23,186			49,79
	Dec. 66			23,125			49,35
1776	Jan. 1	17	4	25,874	+14	39	44,72
	Apr. 10			25,817			44,24
	Jul. 19			25,767			43,70
	Oct. 27			25,724			43,11
	Dec. 66			25,687			42,46
1777	Jan. 0	17	4	28,427	+14	39	37,90
	Apr. 10			28,395			37,22
	Jul. 19			28,371			36,50
	Oct. 27			28,355			35,76
	Dec. 66			28,346			34,99
1778	Jan. 0	17	4	31,077	+14	39	30,47
	Apr. 10			31,073			29,67
	Jul. 19			31,077			28,87
	Oct. 27			31,089			28,06
	Dec. 66			31,109			27,24
1779	Jan. 0	17	4	33,830	+14	39	22,74
	Apr. 10			33,855			21,93
	Jul. 19			33,886			21,13
	Oct. 27			33,924			20,35
	Dec. 66			33,969			19,58
1780	Jan. 1	17	4	36,682	+14	39	15,06
	Apr. 10			36,731			14,32
	Jul. 19			36,786			13,61
	Oct. 27			36,846			12,94
	Dec. 66			36,912			12,31
1781	Jan. 0	17	4	39,618	+14	39	7,75
	Apr. 10			39,686			7,15
	Jul. 19			39,757			6,61
	Oct. 27			39,832			6,13
	Dec. 66			39,910			5,70
1782	Jan. 0	17	4	42,612	+14	39	1,07
	Apr. 10			42,692			0,69
	Jul. 19			42,772			0,37
	Oct. 27			42,854			0,12
	Dec. 66			42,936		38	59,93
1783	Jan. 0	17	4	45,638	+14	38	55,23
	Apr. 10			45,720			55,09
	Jul. 19			45,801			55,03
	Oct. 27			45,881			55,03
	Dec. 66			45,959			55,11
1784	Jan. 1	17	4	48,662	+14	38	50,32
	Apr. 10			48,739			50,45
	Jul. 19			48,812			50,65
	Oct. 27			48,882			50,92
	Dec. 66			48,948			51,26
1785	Jan. 0	17	4	51,655	+14	38	46,39
	Apr. 10			51,718			46,77
	Jul. 19			51,775			47,21
	Oct. 27			51,827			47,71
	Dec. 66			51,873			48,27
1786	Jan. 0	17	4	54,588	+14	38	43,33
	Apr. 10			54,630			43,93
	Jul. 19			54,665			44,57
	Oct. 27			54,693			45,25
	Dec. 66			54,714			45,98
1787	Jan. 0	17	4	57,437	+14	38	40,99
	Apr. 10			57,453			41,74
	Jul. 19			57,462			42,51
	Oct. 27			57,463			43,30
	Dec. 66			57,456			44,11
1788	Jan. 1	17	5	0,188	+14	38	39,10
	Apr. 10			0,176			39,92
	Jul. 19			0,156			40,73
	Oct. 27			0,129			41,54
	Dec. 66			0,094			42,35
1789	Jan. 0	17	5	2,835	+14	38	37,35
	Apr. 10			2,795			38,15
	Jul. 19			2,749			38,92
	Oct. 27			2,696			39,66
	Dec. 66			2,637			40,37

Tabulae X. Sect. II. *α Herculis.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jn. 0	−1,260	+19,4	− 2,86	−23,6	−1	+1	1770	17 4 10,1579	+14 40 5,960
10	−1,048	+22,8	− 5,19	−22,7	−1	+1	1771	4 12,8865	40 1,155
20	−0,805	+25,5	− 7,39	−21,0	−2	+1	1772	4 15,6151	39 56,354
30	−0,539	+27,5	− 9,38	−18,4	−2	+1	1773	4 18,3438	39 51,557
Jor. 9	−0,256	+28,8	−11,07	−15,2	−2	+1	1774	4 21,0725	39 46,764
							1775	4 23,8013	39 41,974
19	+0,037	+29,5	−12,42	−11,5	−3	+1	1776	4 26,5301	39 37,188
Mrt. 1	+0,333	+29,5	−13,37	− 7,4	−3	+1	1777	4 29,2589	39 32,406
11	+0,627	+29,1	−13,88	− 2,9	−3	+1	1778	4 31,9878	39 27,628
21	+0,914	+28,2	−13,95	+ 1,5	−2	+1	1779	4 34,7167	39 22,854
31	+1,191	+27,0	−13,59	+ 5,6	−2	+1	1780	4 37,4456	39 18,084
							1781	4 40,1746	39 13,318
A. 10	+1,453	+25,4	−12,83	+ 9,4	−2	+1	1782	4 42,9036	39 8,555
20	+1,698	+23,5	−11,71	+12,7	−2	+1	1783	4 45,6327	39 3,796
30	+1,922	+21,2	−10,29	+15,4	−1	+1	1784	4 48,3618	38 59,041
M. 10	+2,122	+18,7	− 8,63	+17,5	−1	+1	1785	4 51,0908	38 54,291
20	+2,295	+15,8	− 6,79	+18,9	−1	+1	1786	4 53,8200	38 49,544
							1787	4 56,5492	38 44,801
30	+2,438	+12,7	− 4,86	+19,5	0	+1	1788	4 59,2784	38 40,062
Jn. 9	+2,549	+ 9,4	− 2,89	+19,5	0	+1	1789	5 2,0077	38 35,327
19	+2,625	+ 5,8	− 0,96	+19,0	+1	+1	1790	5 4,7370	38 30,595
29	+2,664	+ 2,1	+ 0,90	+17,9	+1	+1			
Jn. 9	+2,666	− 1,7	+ 2,62	+16,4	+1	+1			
19	+2,630	− 5,4	+ 4,18	+14,6	+2	+1			
29	+2,558	− 8,9	+ 5,53	+12,3	+2	+1			
Aug. 8	+2,452	−12,1	+ 6,64	+10,0	+2	+1			
18	+2,317	−14,7	+ 7,52	+ 7,4	+2	+2			
28	+2,159	−16,7	+ 8,12	+ 4,8	+3	+2			
Sept. 7	+1,984	−17,9	+ 8,44	+ 1,9	+3	+2			
17	+1,801	−18,3	+ 8,49	− 1,0	+3	+2			
27	+1,619	−17,7	+ 8,24	− 4,0	+3	+2			
Oct. 7	+1,447	−16,2	+ 7,69	− 7,0	+3	+3			
17	+1,295	−13,7	+ 6,84	−10,0	+2	+3			
27	+1,173	−10,4	+ 5,70	−12,8	+2	+3			
Nov. 6	+1,088	− 6,4	+ 4,28	−15,6	+2	+4			
16	+1,046	− 1,9	+ 2,58	−18,2	+1	+4			
26	+1,051	+ 3,0	+ 0,65	−20,3	+1	+4			
Dec. 6	+1,105	+ 7,8	− 1,48	−22,1	+1	+4			
16	+1,207	+12,6	− 3,76	−23,2	0	+4			
26	+1,356	+16,9	− 6,12	−23,7	0	+5			
36	+1,545	+20,7	− 8,49	−23,4	−1	+5			

Diei reducto addendum est:

ante } Dec. 8 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Ophiuchi.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$			^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1770	Jan. 0	17 24 17,020	+12 44 38,33	1780	Jan. 1	17 24 43,101	+12 44 0,
	Apr. 10	16,992	39,14		Apr. 10	43,149	43 59,
	Jul. 19	16,956	39,93		Jul. 19	43,203	58,
	Oct. 27	16,913	40,70		Oct. 27	43,263	58,
	Dec. 66	16,863	41,44		Dec. 66	43,328	57,
1771	Jan. 0	17 24 19,655	+12 44 37,87	1781	Jan. 0	17 24 46,081	+12 43 54,
	Apr. 10	19,601	38,59		Apr. 10	46,149	53,
	Jul. 19	19,541	39,26		Jul. 19	46,221	53,
	Oct. 27	19,475	39,88		Oct. 27	46,296	52,
	Dec. 66	19,404	40,45		Dec. 66	46,374	52,
1772	Jan. 1	17 24 22,203	+12 44 36,95	1782	Jan. 0	17 24 49,123	+12 43 49,
	Apr. 10	22,129	37,48		Apr. 10	49,203	49,
	Jul. 19	22,051	37,95		Jul. 19	49,285	48,
	Oct. 27	21,970	38,35		Oct. 27	49,367	48,
	Dec. 66	21,885	38,68		Dec. 66	49,451	48,
1773	Jan. 0	17 24 24,689	+12 44 35,27	1783	Jan. 0	17 24 52,198	+12 43 45,
	Apr. 10	24,603	35,55		Apr. 10	52,283	45,
	Jul. 19	24,516	35,76		Jul. 19	52,366	45,
	Oct. 27	24,429	35,89		Oct. 27	52,447	45,
	Dec. 66	24,342	35,94		Dec. 66	52,526	45,
1774	Jan. 0	17 24 27,146	+12 44 32,62	1784	Jan. 1	17 24 55,275	+12 43 42,
	Apr. 10	27,059	32,62		Apr. 10	55,353	42,
	Jul. 19	26,975	32,55		Jul. 19	55,428	42,
	Oct. 27	26,893	32,39		Oct. 27	55,499	42,
	Dec. 66	26,813	32,16		Dec. 66	55,567	43,
1775	Jan. 0	17 24 29,614	+12 44 28,94	1785	Jan. 0	17 24 58,321	+12 43 39,
	Apr. 10	29,537	28,66		Apr. 10	58,386	40,
	Jul. 19	29,464	28,31		Jul. 19	58,445	40,
	Oct. 27	29,396	27,88		Oct. 27	58,499	41,
	Dec. 66	29,333	27,39		Dec. 66	58,547	41,
1776	Jan. 1	17 24 32,129	+12 44 24,26	1786	Jan. 0	17 25 1,307	+12 43 38,
	Apr. 10	32,071	23,73		Apr. 10	1,352	39,
	Jul. 19	32,019	23,15		Jul. 19	1,389	39,
	Oct. 27	31,973	22,51		Oct. 27	1,418	40,
	Dec. 66	31,933	21,82		Dec. 66	1,441	41,
1777	Jan. 0	17 24 34,721	+12 44 18,76	1787	Jan. 0	17 25 4,210	+12 43 37,
	Apr. 10	34,687	18,04		Apr. 10	4,228	38,
	Jul. 19	34,661	17,30		Jul. 19	4,238	39,
	Oct. 27	34,643	16,53		Oct. 27	4,240	40,
	Dec. 66	34,633	15,73		Dec. 66	4,235	40,
1778	Jan. 0	17 24 37,411	+12 44 12,70	1788	Jan. 1	17 25 7,013	+12 43 37,
	Apr. 10	37,406	11,89		Apr. 10	7,002	38,
	Jul. 19	37,408	11,08		Jul. 19	6,984	38,
	Oct. 27	37,419	10,26		Oct. 27	6,958	39,
	Dec. 66	37,437	9,44		Dec. 66	6,924	40,
1779	Jan. 0	17 24 40,205	+12 44 6,42	1789	Jan. 0	17 25 9,712	+12 43 37,
	Apr. 10	40,229	5,61		Apr. 10	9,673	37,
	Jul. 19	40,259	4,81		Jul. 19	9,627	38,
	Oct. 27	40,297	4,04		Oct. 27	9,575	39,
	Dec. 66	40,341	3,29		Dec. 66	9,516	40,

Tabulae X. Sect. II. *a Ophiuchi.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
0	−1,290	+17,6	− 2,23	−22,4	−1	+1	1770	17 24 16,1304	+12 44 36,883
10	−1,095	+21,1	− 4,45	−21,8	−1	+1	1771	24 18,9056	44 33,561
20	−0,868	+24,0	− 6,57	−20,3	−2	+1	1772	24 21,6808	44 30,242
30	−0,616	+26,2	− 8,51	−18,1	−2	+1	1773	24 24,4561	44 26,928
9	−0,344	+27,8	−10,18	−15,1	−2	+1	1774	24 27,2314	44 23,617
							1775	24 30,0068	44 20,311
19	−0,060	+28,8	−11,53	−11,6	−2	+1	1776	24 32,7822	44 17,008
1	+0,231	+29,2	−12,50	− 7,7	−3	+1	1777	24 35,5576	44 13,710
11	+0,523	+29,1	−13,06	− 3,5	−3	+1	1778	24 38,3330	44 10,415
21	+0,812	+28,6	−13,20	+ 0,8	−2	+1	1779	24 41,1084	44 7,125
31	+1,094	+27,6	−12,91	+ 4,9	−2	+1	1780	24 43,8839	44 3,838
							1781	24 46,6594	44 0,556
10	+1,364	+26,3	−12,23	+ 8,6	−2	+1	1782	24 49,4350	43 57,277
20	+1,620	+24,7	−11,19	+11,9	−2	+1	1783	24 52,2106	43 54,003
30	+1,858	+22,7	− 9,85	+14,7	−2	+1	1784	24 54,9863	43 50,732
10	+2,074	+20,4	− 8,26	+16,8	−1	+1	1785	24 57,7620	43 47,466
20	+2,266	+17,7	− 6,50	+18,2	−1	+1	1786	25 0,5377	43 44,204
							1787	25 3,3135	43 40,945
30	+2,428	+14,7	− 4,62	+19,0	0	+1	1788	25 6,0893	43 37,691
9	+2,559	+11,4	− 2,70	+19,2	0	+1	1789	25 8,8650	43 34,440
19	+2,655	+ 7,8	− 0,79	+18,7	0	+1	1790	25 11,6409	43 31,194
29	+2,715	+ 4,0	+ 1,04	+17,8	+1	+1			
9	+2,735	+ 0,1	+ 2,77	+16,5	+1	+1			
19	+2,717	− 3,7	+ 4,33	+14,7	+2	+1			
29	+2,661	− 7,4	+ 5,70	+12,7	+2	+2			
8	+2,569	−10,8	+ 6,86	+10,5	+2	+2			
18	+2,446	−13,7	+ 7,79	+ 8,0	+2	+2			
28	+2,296	−16,0	+ 8,46	+ 5,4	+3	+2			
7	+2,126	−17,6	+ 8,87	+ 2,8	+3	+2			
7	+1,945	−18,2	+ 9,01	0,0	+3	+3			
7	+1,762	−17,9	+ 8,87	− 2,8	+3	+3			
7	+1,587	−16,7	+ 8,45	− 5,6	+3	+3			
7	+1,428	−14,6	+ 7,75	− 8,5	+2	+3			
7	+1,296	−11,5	+ 6,76	−11,3	+2	+4			
6	+1,199	− 7,7	+ 5,50	−14,0	+2	+4			
6	+1,143	− 3,4	+ 3,97	−16,5	+2	+4			
6	+1,132	+ 1,3	+ 2,21	−18,7	+1	+4			
6	+1,168	+ 6,1	+ 0,24	−20,5	+1	+5			
6	+1,253	+10,8	− 1,89	−21,8	0	+5			
6	+1,383	+15,1	− 4,11	−22,3	0	+5			
6	+1,554	+19,0	− 6,35	−22,2	−1	+5			

Diei reducto addendum est:

ante } Dec. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Lyrae.*

		h ′ ″	° ′ ″
1770	Jan. 0	18 29 9,876	+38 34 56,59
	Apr. 10	9,862	57,36
	Jul. 19	9,842	58,08
	Oct. 27	9,817	58,77
	Dec. 66	9,787	59,41
1771	Jan. 0	18 29 11,827	+38 35 2,02
	Apr. 10	11,793	2,63
	Jul. 19	11,754	3,18
	Oct. 27	11,711	3,68
	Dec. 66	11,663	4,11
1772	Jan. 1	18 29 13,709	+38 35 6,79
	Apr. 10	13,658	7,18
	Jul. 19	13,605	7,49
	Oct. 27	13,549	7,73
	Dec. 66	13,489	7,89
1773	Jan. 0	18 29 15,538	+38 35 10,67
	Apr. 10	15,477	10,78
	Jul. 19	15,416	10,81
	Oct. 27	15,353	10,77
	Dec. 66	15,289	10,64
1774	Jan. 0	18 29 17,339	+38 35 13,52
	Apr. 10	17,275	13,34
	Jul. 19	17,212	13,09
	Oct. 27	17,150	12,77
	Dec. 66	17,089	12,37
1775	Jan. 0	18 29 19,139	+38 35 15,34
	Apr. 10	19,079	14,89
	Jul. 19	19,022	14,39
	Oct. 27	18,969	13,83
	Dec. 66	18,918	13,20
1776	Jan. 1	18 29 20,964	+38 35 16,25
	Apr. 10	20,916	15,59
	Jul. 19	20,872	14,90
	Oct. 27	20,833	14,16
	Dec. 66	20,799	13,39
1777	Jan. 0	18 29 22,839	+38 35 16,49
	Apr. 10	22,808	15,70
	Jul. 19	22,783	14,90
	Oct. 27	22,763	14,08
	Dec. 66	22,748	13,25
1778	Jan. 0	18 29 24,782	+38 35 16,37
	Apr. 10	24,771	15,54
	Jul. 19	24,766	14,72
	Oct. 27	24,767	13,92
	Dec. 66	24,773	13,13
1779	Jan. 0	18 29 26,800	+38 35 16,23
	Apr. 10	26,810	15,46
	Jul. 19	26,825	14,72
	Oct. 27	26,846	14,01
	Dec. 66	26,872	13,34
1780	Jan. 1	18 29 28,892	+38 35
	Apr. 10	28,921	
	Jul. 19	28,955	
	Oct. 27	28,993	
	Dec. 66	29,036	
1781	Jan. 0	18 29 31,051	+38 35
	Apr. 10	31,096	
	Jul. 19	31,145	
	Oct. 27	31,196	
	Dec. 66	31,250	
1782	Jan. 0	18 29 33,261	+38 35
	Apr. 10	33,317	
	Jul. 19	33,375	
	Oct. 27	33,434	
	Dec. 66	33,494	
1783	Jan. 0	18 29 35,503	+38 35
	Apr. 10	35,564	
	Jul. 19	35,625	
	Oct. 27	35,685	
	Dec. 66	35,745	
1784	Jan. 1	18 29 37,754	+38 35
	Apr. 10	37,814	
	Jul. 19	37,871	
	Oct. 27	37,926	
	Dec. 66	37,979	
1785	Jan. 0	18 29 39,991	+38 35
	Apr. 10	40,043	
	Jul. 19	40,091	
	Oct. 27	40,135	
	Dec. 66	40,176	
1786	Jan. 0	18 29 42,192	+38 35
	Apr. 10	42,230	
	Jul. 19	42,263	
	Oct. 27	42,291	
	Dec. 66	42,314	
1787	Jan. 0	18 29 44,336	+38 35
	Apr. 10	44,356	
	Jul. 19	44,370	
	Oct. 27	44,379	
	Dec. 66	44,382	
1788	Jan. 1	18 29 46,411	+38 35
	Apr. 10	46,410	
	Jul. 19	46,404	
	Oct. 27	46,391	
	Dec. 66	46,373	
1789	Jan. 0	18 29 48,409	+38 35
	Apr. 10	48,387	
	Jul. 19	48,360	
	Oct. 27	48,328	
	Dec. 66	48,291	

Tabulae X. Sect. II. *a Lyrae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	−1,700	+ 9,0	− 0,94	−31,2	0	+2	1770	18 29 9,2082	+38 34 53,318
10	−1,585	+13,9	− 4,06	−30,8	−1	+2	1771	29 11,2373	34 56,136
20	−1,422	+18,5	− 7,09	−29,4	−1	+2	1772	29 13,2664	34 58,957
30	−1,215	+22,5	− 9,93	−26,8	−1	+2	1773	29 15,2955	35 1,781
9	−0,972	+25,9	−12,45	−23,2	−2	+2	1774	29 17,3247	35 4,607
							1775	29 19,3538	35 7,436
19	−0,697	+28,8	−14,57	−18,7	−2	+2	1776	29 21,3830	35 10,268
1	−0,397	+30,9	−16,19	−13,5	−2	+1	1777	29 23,4122	35 13,103
11	−0,079	+32,4	−17,27	− 7,9	−2	+1	1778	29 25,4414	35 15,941
21	+0,251	+33,2	−17,76	− 2,0	−2	+1	1779	29 27,4706	35 18,781
31	+0,585	+33,3	−17,66	+ 4,0	−2	0	1780	29 29,4997	35 21,626
							1781	29 31,5289	35 24,473
10	+0,917	+32,8	−16,97	+ 9,7	−2	0	1782	29 33,5581	35 27,323
20	+1,240	+31,5	−15,73	+15,0	−2	0	1783	29 35,5874	35 30,176
30	+1,547	+29,7	−13,98	+19,6	−2	0	1784	29 37,6167	35 33,031
10	+1,833	+27,2	−11,81	+23,5	−2	0	1785	29 39,6460	35 35,890
20	+2,091	+24,2	− 9,29	+26,5	−1	0	1786	29 41,6753	35 38,752
							1787	29 43,7046	35 41,616
30	+2,316	+20,5	− 6,51	+28,7	−1	0	1788	29 45,7339	35 44,483
9	+2,501	+16,4	− 3,55	+30,0	0	0	1789	29 47,7633	35 47,353
9	+2,644	+11,9	− 0,51	+30,4	0	0	1790	29 49,7927	35 50,226
9	+2,739	+ 7,1	+ 2,53	+30,1	0	0			
9	+2,786	+ 2,7	+ 5,50	+28,9	+1	0			
9	+2,782	− 2,9	+ 8,31	+27,1	+1	0			
9	+2,728	− 7,8	+10,91	+24,7	+1	0			
8	+2,626	−12,4	+13,24	+21,7	+2	+1			
8	+2,480	−16,6	+15,24	+18,3	+2	+1			
8	+2,295	−10,1	+16,89	+14,6	+2	+1			
7	+2,078	−22,9	+18,15	+10,5	+2	+1			
7	+1,838	−24,7	+18,98	+ 6,2	+2	+2			
7	+1,585	−25,6	+19,38	+ 1,7	+2	+2			
7	+1,327	−25,4	+19,32	− 2,9	+2	+3			
7	+1,078	−24,1	+18,80	− 7,5	+2	+3			
7	+0,845	−21,9	+17,83	−12,0	+2	+3			
6	+0,641	−18,6	+16,40	−16,4	+2	+4			
6	+0,473	−14,6	+14,55	−20,5	+2	+4			
6	+0,349	−10,0	+12,31	−24,1	+1	+4			
6	+0,274	− 4,9	+ 9,73	−27,1	+1	+5			
6	+0,252	+ 0,5	+ 6,89	−29,4	+1	+5			
6	+0,283	+ 5,7	+ 3,85	−30,8	0	+5			
6	+0,366	+10,9	+ 0,73	−31,2	0	+5			

Diei reducto addendum est:

ante } Dec. 28 { + 1
post } { + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *γ Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′
1770	Jan. 0	19 35 20,271	+ 10 4 9,23	1780	Jan. 1	19 35 47,053	+ 10 5
	Apr. 10	20,247	9,87		Apr. 10	47,098	
	Jul. 19	20,216	10,47		Jul. 19	47,149	
	Oct. 27	20,177	11,02		Oct. 27	47,206	
	Dec. 66	20,131	11,52		Dec. 66	47,269	
1771	Jan. 0	19 35 23,003	+ 10 4 19,46	1781	Jan. 0	19 35 50,103	+ 10 5
	Apr. 10	22,952	19,91		Apr. 10	50,169	
	Jul. 19	22,894	20,30		Jul. 19	50,240	
	Oct. 27	22,830	20,62		Oct. 27	50,314	
	Dec. 66	22,760	20,87		Dec. 66	50,393	
1772	Jan. 1	19 35 25,640	+ 10 4 28,90	1782	Jan. 0	19 35 53,222	+ 10 5
	Apr. 10	25,566	29,10		Apr. 10	53,303	
	Jul. 19	25,489	29,23		Jul. 19	53,385	
	Oct. 27	25,407	29,28		Oct. 27	53,469	
	Dec. 66	25,322	29,26		Dec. 66	53,554	
1773	Jan. 0	19 35 28,206	+ 10 4 37,38	1783	Jan. 0	19 35 56,381	+ 10 5
	Apr. 10	28,119	37,31		Apr. 10	56,467	
	Jul. 19	28,031	37,16		Jul. 19	56,552	
	Oct. 27	27,942	36,94		Oct. 27	56,637	
	Dec. 66	27,851	36,64		Dec. 66	56,721	
1774	Jan. 0	19 35 30,737	+ 10 4 44,86	1784	Jan. 1	19 35 59,548	+ 10 5
	Apr. 10	30,647	44,52		Apr. 10	59,631	
	Jul. 19	30,558	44,11		Jul. 19	59,710	
	Oct. 27	30,472	43,64		Oct. 27	59,787	
	Dec. 66	30,387	43,10		Dec. 66	59,860	
1775	Jan. 0	19 35 33,270	+ 10 4 51,40	1785	Jan. 0	19 36 2,691	+ 10 6
	Apr. 10	33,188	50,83		Apr. 10	2,762	
	Jul. 19	33,110	50,21		Jul. 19	2,827	
	Oct. 27	33,037	49,55		Oct. 27	2,886	
	Dec. 66	32,968	48,84		Dec. 66	2,940	
1776	Jan. 1	19 35 35,845	+ 10 4 57,20	1786	Jan. 0	19 36 5,778	+ 10 6
	Apr. 10	35,780	56,47		Apr. 10	5,829	
	Jul. 19	35,722	55,72		Jul. 19	5,872	
	Oct. 27	35,670	54,94		Oct. 27	5,908	
	Dec. 66	35,625	54,15		Dec. 66	5,937	
1777	Jan. 0	19 35 38,494	+ 10 5 2,54	1787	Jan. 0	19 36 8,784	+ 10 6
	Apr. 10	38,454	1,74		Apr. 10	8,808	
	Jul. 19	38,422	0,94		Jul. 19	8,824	
	Oct. 27	38,397	0,15		Oct. 27	8,833	
	Dec. 66	38,380	4 59,36		Dec. 66	8,833	
1778	Jan. 0	19 35 41,240	+ 10 5 7,75	1788	Jan. 1	19 36 11,689	+ 10 6
	Apr. 10	41,229	6,97		Apr. 10	11,684	
	Jul. 19	41,226	6,22		Jul. 19	11,671	
	Oct. 27	41,231	5,50		Oct. 27	11,649	
	Dec. 66	41,244	4,80		Dec. 66	11,620	
1779	Jan. 0	19 35 44,094	+ 10 5 13,16	1789	Jan. 0	19 36 14,486	+ 10 6
	Apr. 10	44,112	12,49		Apr. 10	14,451	
	Jul. 19	44,138	11,87		Jul. 19	14,409	
	Oct. 27	44,171	11,29		Oct. 27	14,360	
	Dec. 66	44,212	10,77		Dec. 66	14,304	

Tabulae X. Sect. II. *γ Aquilae.*

1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
							h ′ ″	° ′ ″
0	−1″,294	+ 5,2	+ 0″,08	−17,2	+1	+1	1770 19 35 19,3381	+10 4 4,353
10	−1,223	+ 8,9	− 1,66	−17,4	0	+1	1771 35 22,1935	4 12,453
20	−1,116	+12,4	− 3,39	−16,9	0	+1	1772 35 25,0489	4 20,557
30	−0,975	+15,6	− 5,03	−15,7	−1	+1	1773 35 27,9042	4 28,665
r. 9	−0,804	+18,5	− 6,53	−13,8	−1	+1	1774 35 30,7595	4 36,777
							1775 35 33,6148	4 44,892
19	−0,606	+21,1	− 7,79	−11,2	−2	+1	1776 35 36,4701	4 53,010
t. 1	−0,383	+23,3	− 8,77	− 8,1	−2	+1	1777 35 39,3254	5 1,133
11	−0,140	+25,2	− 9,41	− 4,6	−2	+1	1778 35 42,1807	5 9,260
21	+0,121	+26,9	− 9,69	− 0,8	−2	+1	1779 35 45,0360	5 17,390
31	+0,397	+28,1	− 9,57	+ 3,2	−3	0	1780 35 47,8913	5 25,524
							1781 35 50,7466	5 33,662
10	+0,783	+28,9	− 9,06	+ 7,0	−3	0	1782 35 53,6018	5 41,804
20	+0,974	+29,3	− 8,18	+10,5	−3	0	1783 35 56,4571	5 49,949
30	+1,268	+29,1	− 6,97	+13,6	−3	0	1784 35 59,3123	5 58,098
10	+1,556	+28,4	− 5,46	+16,4	−2	0	1785 36 2,1676	6 6,251
20	+1,835	+27,1	− 3,70	+18,5	−2	0	1786 36 5,0228	6 14,408
							1787 36 7,8780	6 22,568
30	+2,098	+25,2	− 1,77	+19,9	−2	+1	1788 36 10,7333	6 30,732
n 9	+2,339	+22,7	+ 0,28	+20,8	−1	+1	1789 36 13,5885	6 38,900
19	+2,552	+19,6	+ 2,38	+21,0	−1	+1	1790 36 16,4437	6 47,072
29	+2,731	+16,0	+ 4,47	+20,7	−1	+1		
l. 9	+2,872	+12,0	+ 6,51	+19,9	0	+1		
9	+2,971	+ 7,8	+ 8,44	+18,6	0	+1		
29	+3,027	+ 3,3	+10,22	+16,9	0	+2		
g 8	+3,037	− 1,1	+11,82	+15,0	+1	+2		
8	+3,005	− 5,3	+13,22	+12,9	+1	+2		
8	+2,932	− 9,1	+14,39	+10,5	+2	+2		
p. 7	+2,823	−12,4	+15,32	+ 8,1	+2	+3		
7	+2,685	−14,8	+16,00	+ 5,6	+2	+3		
7	+2,527	−16,6	+16,43	+ 3,1	+2	+3		
7	+2,354	−17,4	+16,61	+ 0,5	+3	+3		
7	+2,179	−17,2	+16,52	− 2,2	+3	+4		
7	+2,010	−16,2	+16,18	− 4,7	+3	+4		
6	+1,856	−14,3	+15,59	− 7,2	+2	+4		
6	+1,725	−11,7	+14,74	− 9,6	+2	+4		
6	+1,623	− 8,5	+13,67	−11,8	+2	+4		
c. 6	+1,556	− 4,9	+12,38	−13,9	+2	+5		
6	+1,526	− 1,1	+10,90	−15,5	+1	+5		
6	+1,535	+ 2,9	+ 9,28	−16,7	+1	+5		
6	+1,583	+ 6,7	+ 7,57	−17,3	0	+5		

Diei reducto addendum est:

ante } Jan. 11 { 0
post } { + 1

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Aquilae.*

		h ′ ″	° ′ ″
1770	Jan. 0	19 39 34,486	+ 8 16 40,37
	Apr. 10	34,462	41,01
	Jul. 19	34,430	41,60
	Oct. 27	34,390	42,14
	Dec. 66	34,342	42,62
1771	Jan. 0	19 39 37,288	+ 8 16 51,28
	Apr. 10	37,236	51,72
	Jul. 19	37,177	52,10
	Oct. 27	37,112	52,41
	Dec. 66	37,041	52,65
1772	Jan. 1	19 39 39,995	+ 8 17 1,39
	Apr. 10	39,920	1,58
	Jul. 19	39,841	1,70
	Oct. 27	39,758	1,74
	Dec. 66	39,672	1,70
1773	Jan. 0	19 39 42,630	+ 8 17 10,54
	Apr. 10	42,542	10,46
	Jul. 19	42,452	10,30
	Oct. 27	42,362	10,06
	Dec. 66	42,270	9,75
1774	Jan. 0	19 39 45,230	+ 8 17 18,69
	Apr. 10	45,138	18,34
	Jul. 19	45,049	17,92
	Oct. 27	44,965	17,44
	Dec. 66	44,876	16,89
1775	Jan. 0	19 39 47,833	+ 8 17 25,91
	Apr. 10	47,750	25,33
	Jul. 19	47,671	24,71
	Oct. 27	47,697	24,04
	Dec. 66	47,528	23,33
1776	Jan. 1	19 39 50,479	+ 8 17 32,40
	Apr. 10	50,413	31,67
	Jul. 19	50,355	30,91
	Oct. 27	50,303	30,14
	Dec. 66	50,258	29,35
1777	Jan. 0	19 39 53,201	+ 8 17 38,45
	Apr. 10	53,161	37,65
	Jul. 19	53,129	36,85
	Oct. 27	53,105	36,06
	Dec. 66	53,089	35,28
1778	Jan. 0	19 39 56,022	+ 8 17 44,38
	Apr. 10	56,012	43,61
	Jul. 19	56,009	42,86
	Oct. 27	56,014	42,15
	Dec. 66	56,027	41,46
1779	Jan. 0	19 39 58,952	+ 8 17 50,52
	Apr. 10	58,971	49,86
	Jul. 19	58,998	49,25
	Oct. 27	59,032	48,68
	Dec. 66	59,074	48,17

		h ′ ″	° ′ ″
1780	Jan. 1	19 40 1,988	+ 8 17 57,
	Apr. 10	2,035	56,
	Jul. 19	2,087	56,
	Oct. 27	2,145	55,
	Dec. 66	2,210	55,
1781	Jan. 0	19 40 5,117	+ 8 18 4,
	Apr. 10	5,185	4,
	Jul. 19	5,257	4,
	Oct. 27	5,331	4,
	Dec. 66	5,412	4,
1782	Jan. 0	19 40 8,315	+ 8 18 12,
	Apr. 10	8,397	12,
	Jul. 19	8,480	12,
	Oct. 27	8,565	13,
	Dec. 66	8,652	13,
1783	Jan. 0	19 40 11,553	+ 8 18 22,
	Apr. 10	11,638	22,
	Jul. 19	11,723	22,
	Oct. 27	11,810	23,
	Dec. 66	11,897	23,
1784	Jan. 1	19 40 14,798	+ 8 18 32,
	Apr. 10	14,882	32,
	Jul. 19	14,962	33,
	Oct. 27	15,039	33,
	Dec. 66	15,113	34,
1785	Jan. 0	19 40 18,019	+ 8 18 43,
	Apr. 10	18,089	43,
	Jul. 19	18,154	44,
	Oct. 27	18,214	45,
	Dec. 66	18,269	45,
1786	Jan. 0	19 40 21,181	+ 8 18 54,
	Apr. 10	21,231	55,
	Jul. 19	21,274	56,
	Oct. 27	21,310	56,
	Dec. 66	21,340	57,
1787	Jan. 0	19 40 24,260	+ 8 19 6,
	Apr. 10	24,284	7,
	Jul. 19	24,300	7,
	Oct. 27	24,308	8,
	Dec. 66	24,308	9,
1788	Jan. 1	19 40 27,238	+ 8 19 18,
	Apr. 10	27,232	18,
	Jul. 19	27,218	19,
	Oct. 27	27,196	20,
	Dec. 66	27,165	20,
1789	Jan. 0	19 40 30,105	+ 8 19 29,
	Apr. 10	30,069	29,
	Jul. 19	30,026	30,
	Oct. 27	29,976	30,
	Dec. 66	29,919	31,

Tabulae X. Sect. II. *α Aquilae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
n. 0	−1,281	+ 5,1	− 0,03	−16,0	+1	+1	1770	19 39 33,5422	+ 8 16 35,412
10	−1,211	+ 8,8	− 1,65	−16,2	0	+1	1771	39 36,4716	16 44,224
20	−1,106	+12,2	− 3,26	−15,7	0	+1	1772	39 39,4010	16 53,039
30	−0,967	+15,4	− 4,79	−14,6	−1	+1	1773	39 42,3304	17 1,858
br. 9	−0,798	+18,3	− 6,18	−12,8	−1	+1	1774	39 45,2597	17 10,681
							1775	39 48,1890	17 19,508
19	−0,602	+20,8	− 7,35	−10,3	−2	+1	1776	39 51,1183	17 28,339
rt. 1	−0,382	+23,1	− 8,24	− 7,3	−2	+1	1777	39 54,0475	17 37,174
11	−0,140	+25,1	− 8,81	− 3,9	−2	+1	1778	39 56,9768	17 46,012
21	+0 119	+26,7	− 9,02	− 0,3	−3	0	1779	39 59,9060	17 54,854
31	+0,394	+28,0	− 8,86	+ 3,5	−3	0	1780	40 2,8353	18 3,700
							1781	40 5,7645	18 12,550
A. 10	+0,679	+28,9	− 8,33	+ 7,1	−3	0	1782	40 8,6937	18 21,404
20	+0,972	+29,4	− 7,44	+10,6	−3	0	1785	40 11,6250	18 30,262
30	+1,266	+29,3	− 6,22	+13,6	−3	0	1784	40 14,5522	18 39,123
M. 10	+1,557	+28,7	− 4,73	+16,1	−2	0	1785	40 17,4814	18 47,987
20	+1,839	+27,4	− 3,01	+18,1	−2	0	1786	40 20,4106	18 56,856
							1787	40 23,3398	19 5,729
30	+2,105	+25,6	− 1,11	+19,5	−2	+1	1788	40 26,2688	19 14,606
Jn. 9	+2 351	+23,2	+ 0,88	+20,2	−2	+1	1789	40 29,1979	19 23,487
19	+2,563	+20,1	+ 2,93	+20,4	−1	+1	1790	40 32,1270	19 32,371
29	+2,753	+16,6	+ 4,96	+20,1	−1	+1			
Jl. 9	+2,900	+12,6	+ 6,94	+19,2	0	+1			
19	+3,005	+ 8,4	+ 8,80	+17,9	0	+2			
29	+3,067	+ 4,0	+10,51	+16,3	0	+2			
Aug. 8	+3,084	− 0,5	+12,05	+14,4	+1	+2			
18	+3,058	− 4,7	+13,38	+12,3	+1	+2			
28	+2,991	− 8,5	+14,50	+10,0	+2	+3			
Sep. 7	+2,883	−11,8	+15,38	+ 7,7	+2	+3			
17	+2,755	−14,4	+16,03	+ 5,3	+2	+3			
27	+2,600	−16,2	+16,44	+ 2,9	+2	+3			
Oct. 7	+2,432	−17,0	+16,61	+ 0,5	+3	+4			
17	+2,261	−16,9	+16,54	− 2,0	+3	+4			
27	+2,094	−15,9	+16,22	− 4,4	+3	+4			
Nov. 6	+1,943	−14,1	+15,67	− 6,7	+3	+4			
16	+1,813	−11,6	+14,89	− 8,9	+2	+4			
26	+1,712	− 8,4	+13,89	−11,0	+2	+4			
Dec. 6	+1,645	− 4,9	+12,69	−12,9	+2	+5			
16	+1,615	− 1,1	+11,32	−14,4	+1	+5			
26	+1,623	+ 2,8	+ 9,81	−15,6	+1	+5			
36	+1,670	+ 6,5	+ 8,21	−16,2	0	+5			

Diei reducto addendum est:

ante / post } Jan. 12 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	19 44 1,705	+ 5 50 56,09	1780	Jan. 1	19 44 29,397	+ 5 52 7,8
	Apr. 10	1,679	56,72		Apr. 10	29,445	7,1
	Jul. 19	1,645	57,30		Jul. 19	29,499	6,1
	Oct. 27	1,603	57,83		Oct. 27	29,559	6,7
	Dec. 66	1,554	58,30		Dec. 66	29,625	6,0
1771	Jan. 0	19 44 4,523	+ 5 51 6,45	1781	Jan. 0	19 44 32,553	+ 5 52 1,2
	Apr. 10	4,469	6,88		Apr. 10	32,623	1,9
	Jul. 19	4,408	7,25		Jul. 19	32,697	1,3
	Oct. 27	4,341	7,54		Oct. 27	32,775	1,4
	Dec. 66	4,268	7,77		Dec. 66	32,857	1,1
1772	Jan. 1	19 44 7,244	+ 5 51 16,01	1782	Jan. 0	19 44 35,780	+ 5 52 2,6
	Apr. 10	7,167	16,19		Apr. 10	35,864	2,8
	Jul. 19	7,086	16,29		Jul. 19	35,949	2,7
	Oct. 27	7,001	16,32		Oct. 27	36,036	2,3
	Dec. 66	6,913	16,27		Dec. 66	36,125	2,6
1773	Jan. 0	19 44 9,894	+ 5 51 24,61	1783	Jan. 0	19 44 39,046	+ 5 52 3,2
	Apr. 10	9,803	24,51		Apr. 10	39,135	3,0
	Jul. 19	9,712	24,34		Jul. 19	39,223	3,3
	Oct. 27	9,620	24,09		Oct. 27	39,310	3,3
	Dec. 66	9,527	23,77		Dec. 66	39,396	3,9
1774	Jan. 0	19 44 12,509	+ 5 51 32,21	1784	Jan. 1	19 44 42,318	+ 5 52 4,8
	Apr. 10	12,416	31,85		Apr. 10	42,403	4,8
	Jul. 19	12,325	31,42		Jul. 19	42,484	4,2
	Oct. 27	12,236	30,93		Oct. 27	42,562	4,2
	Dec. 66	12,149	30,38		Dec. 66	42,637	4,6
1775	Jan. 0	19 44 15,129	+ 5 51 38,89	1785	Jan. 0	19 44 45,563	+ 5 52 5,9
	Apr. 10	15,044	38,30		Apr. 10	45,635	5,6
	Jul. 19	14,964	37,67		Jul. 19	45,701	5,6
	Oct. 27	14,889	37,00		Oct. 27	45,761	5,3
	Dec. 66	14,819	36,29		Dec. 66	45,816	5,4
1776	Jan. 1	19 44 17,793	+ 5 51 44,86	1786	Jan. 0	19 44 48,749	+ 5 53 ,5
	Apr. 10	17,727	44,12		Apr. 10	48,800	,2
	Jul. 19	17,668	43,36		Jul. 19	48,843	,9
	Oct. 27	17,616	42,59		Oct. 27	48,879	,7
	Dec. 66	17,570	41,80		Dec. 66	48,908	,5
1777	Jan. 0	19 44 20,536	+ 5 51 50,39	1787	Jan. 0	19 44 51,850	+ 5 53 1,3
	Apr. 10	20,496	49,59		Apr. 10	51,873	1,5
	Jul. 19	20,464	48,80		Jul. 19	51,888	1,2
	Oct. 27	20,440	48,02		Oct. 27	51,895	1,7
	Dec. 66	20,424	47,24		Dec. 66	51,894	1,0
1778	Jan. 0	19 44 23,379	+ 5 51 55,83	1788	Jan. 1	19 44 54,846	+ 5 53 2,3
	Apr. 10	23,369	55,06		Apr. 10	54,839	2,4
	Jul. 19	23,368	54,32		Jul. 19	54,824	2,8
	Oct. 27	23,375	53,61		Oct. 27	54,800	2,6
	Dec. 66	23,390	52,93		Dec. 66	54,769	2,1
1779	Jan. 0	19 44 26,334	+ 5 52 1,49	1789	Jan. 0	19 44 57,731	+ 5 53 3,1
	Apr. 10	26,355	0,84		Apr. 10	57,694	3,3
	Jul. 19	26,383	0,24		Jul. 19	57,649	3,6
	Oct. 27	26,419	51 59,69		Oct. 27	57,597	3,6
	Dec. 66	26,462	59,18		Dec. 66	57,538	3,7

Tabulae X. Sect. II. *β Aquilae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
n. 0	−1″,267	+ 4,8	− 0″,23	−14,8	+1	+1	1770	19 44 0,7459	+ 5 50 51,041
10	−1,200	+ 8,5	− 1,73	−15,0	0	+1	1771	44 3,6968	50 59,346
20	−1,098	+11,9	− 3,22	−14,5	0	+1	1772	44 6,6477	51 7,655
30	−0,963	+15,0	− 4,63	−13,4	−1	+1	1773	44 9,5986	51 15,968
br. 9	−0,798	+17,9	− 5,90	−11,7	−1	+1	1774	44 12,5495	51 24,285
							1775	44 15,5004	51 32,605
19	−0,605	+20,5	− 6,97	− 9,4	−2	+1	1776	44 18,4512	51 40,929
rt. 1	−0,389	+22,7	− 7,78	− 6,6	−2	+1	1777	44 21,4022	51 49,257
11	−0,151	+24,8	− 8,28	− 3,3	−2	+1	1778	44 24,3530	51 57,588
21	+0,106	+26,5	− 8,44	+ 0,2	−3	0	1779	44 27,3038	52 5,923
31	+0,378	+27,8	− 8,25	+ 3,6	−3	0	1780	44 30,2545	52 14,262
							1781	44 33,2053	52 22,604
r. 10	+0,661	+28,7	− 7,72	+ 7,1	−3	0	1782	44 36,1561	52 30,950
20	+0,952	+29,3	− 6,84	+10,3	−3	0	1783	44 39,1069	52 39,300
30	+1,246	+29,3	− 5,67	+13,1	−3	0	1784	44 42,0576	52 47,654
Mj. 10	+1,537	+28,7	− 4,23	+15,5	−2	0	1785	44 45,0083	52 56,011
20	+1,820	+27,6	− 2,58	+17,3	−2	0	1786	44 47,9590	53 4,372
							1787	44 50,9097	53 12,737
30	+2,089	+25,9	− 0,78	+18,5	−2	+1	1788	44 53,8604	53 21,105
Jn. 9	+2,338	+23,5	+ 1,11	+19,1	−2	+1	1789	44 56,8111	53 29,477
19	+2,559	+20,5	+ 3,04	+19,2	−1	+1	1790	44 59,7617	53 37,853
29	+2,748	+17,0	+ 4,95	+18,8	−1	+1			
Ju 9	+2,900	+13,0	+ 6,79	+17,9	−1	+1			
19	+3,010	+ 8,9	+ 8,52	+16,6	0	+2			
29	+3,077	+ 4,5	+10,10	+14,9	0	+2			
A. 8	+3,100	+ 0,1	+11,50	+13,0	+1	+2			
18	+3,078	− 4,2	+12,70	+11,0	+1	+2			
28	+3,016	− 8,1	+13,70	+ 8,9	+1	+3			
Se. 7	+2,917	−11,4	+14,48	+ 6,7	+2	+3			
17	+2,788	−14,0	+15,04	+ 4,5	+2	+3			
27	+2,637	−15,9	+15,37	+ 2,3	+2	+3			
Oc 7	+2,471	−16,8	+15,49	+ 0,1	+2	+3			
17	+2,302	−16,7	+15,38	− 2,2	+3	+4			
27	+2,137	−15,8	+15,05	− 4,4	+3	+4			
No 6	+1,986	−14,1	+14,51	− 6,4	+3	+4			
16	+1,856	−11,6	+13,77	− 8,4	+2	+4			
26	+1,755	− 8,5	+12,83	−10,4	+2	+4			
De 6	+1,687	− 5,0	+11,70	−12,0	+2	+4			
16	+1,655	− 1,3	+10,43	−13,4	+1	+4			
26	+1,661	+ 2,5	+ 9,02	−14,4	+1	+4			
36	+1,705	+ 6,2	+ 7,55	−15,0	0	+4			

Diei reducto addendum est:

ante / post Jan. 13 = 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies inaequens.

Tabulae X. Sect. II. 1*a* *Capricorni.*

1770	Jan. 0	20 4 54,109	—13 12 4,06	1780	Jan. 1	20 5 25,505	—13 10 32,4
	Apr. 10	54,070	3,48		Apr. 10	25,567	32,8
	Jul. 19	54,024	2,96		Jul. 19	25,636	33,1
	Oct. 27	53,969	2,49		Oct. 27	25,711	33,4
	Dec. 66	53,905	2,07		Dec. 66	25,792	33,6
1771	Jan. 0	20 4 57,265	—13 11 51,83	1781	Jan. 0	20 5 29,101	—13 10 23,1
	Apr. 10	57,196	51,46		Apr. 10	29,186	23,3
	Jul. 19	57,120	51,15		Jul. 19	29,274	23,4
	Oct. 27	57,038	50,92		Oct. 27	29,366	23,4
	Dec. 66	56,949	50,75		Dec. 66	29,462	23,4
1772	Jan. 1	20 5 0,317	—13 11 40,42	1782	Jan. 0	20 5 32,766	—13 10 13,0
	Apr. 10	0,225	40,30		Apr. 10	32,864	12,9
	Jul. 19	0,129	40,26		Jul. 19	32,963	12,8
	Oct. 27	0,029	40,29		Oct. 27	33,063	12,6
	Dec. 66	4 59,926	40,40		Dec. 66	33,164	12,3
1773	Jan. 0	20 5 3,298	—13 11 29,97	1783	Jan. 0	20 5 36,467	—13 10 1,9
	Apr. 10	3,194	30,13		Apr. 10	36,567	1,6
	Jul. 19	3,089	30,36		Jul. 19	36,666	1,3
	Oct. 27	2,984	30,65		Oct. 27	36,763	0,8
	Dec. 66	2,879	31,02		Dec. 66	36,858	0,3
1774	Jan. 0	20 5 6,251	—13 11 20,50	1784	Jan. 1	20 5 40,163	—13 9 50,1
	Apr. 10	6,147	20,91		Apr. 10	40,256	49,5
	Jul. 19	6,046	21,38		Jul. 19	40,344	49,0
	Oct. 27	5,948	21,91		Oct. 27	40,428	48,3
	Dec. 66	5,854	22,49		Dec. 66	40,507	47,7
1775	Jan. 0	20 5 9,222	—13 11 11,89	1785	Jan. 0	20 5 43,817	—13 9 37,5
	Apr. 10	9,131	12,50		Apr. 10	43,893	36,8
	Jul. 19	9,046	13,16		Jul. 19	43,961	36,1
	Oct. 27	8,967	13,85		Oct. 27	44,022	35,5
	Dec. 66	8,894	14,57		Dec. 66	44,077	34,6
1776	Jan. 1	20 5 12,254	—13 11 3,93	1786	Jan. 0	20 5 47,396	—13 9 24,4
	Apr. 10	12,187	4,67		Apr. 10	47,445	23,6
	Jul. 19	12,128	5,43		Jul. 19	47,486	22,9
	Oct. 27	12,077	6,20		Oct. 27	47,518	22,1
	Dec. 66	12,034	6,99		Dec. 66	47,541	21,3
1777	Jan. 0	20 5 15,384	—13 10 56,32	1787	Jan. 0	20 5 50,870	—13 9 11,1
	Apr. 10	15,347	57,10		Apr. 10	50,888	10,4
	Jul. 19	15,320	57,88		Jul. 19	50,896	9,6
	Oct. 27	15,302	58,64		Oct. 27	50,894	8,9
	Dec. 66	15,294	59,39		Dec. 66	50,883	8,2
1778	Jan. 0	20 5 18,633	—13 10 48,74	1788	Jan. 1	20 5 54,224	—13 8 58,0
	Apr. 10	18,631	49,47		Apr. 10	54,207	57,3
	Jul. 19	18,639	50,17		Jul. 19	54,180	56,7
	Oct. 27	18,656	50,84		Oct. 27	54,144	56,1
	Dec. 66	18,682	51,47		Dec. 66	54,099	55,6
1779	Jan. 0	20 5 22,009	—13 10 40,85	1789	Jan. 0	20 5 57,451	—13 8 45,5
	Apr. 10	22,041	41,46		Apr. 10	57,400	44,8
	Jul. 19	22,082	42,01		Jul. 19	57,341	44,4
	Oct. 27	22,131	42,51		Oct. 27	57,274	44,0
	Dec. 66	22,189	42,96		Dec. 66	57,200	43,7

Tabulae X. Sect. II. 1α *Capricorni.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
n. 0	−1,255	+ 4,3	− 2,54	− 3,5	+1	−1	1770	20 4 53,0523	−13 12 9,524
10	−1,194	+ 7,9	− 2,88	− 3,1	+1	−1	1771	4 56,3898	11 59,146
20	−1,098	+11,3	− 3,16	− 2,5	0	−1	1772	4 59,7272	11 48,764
30	−0,969	+14,4	− 3,37	− 1,7	0	−1	1773	5 3,0645	11 38,378
br. 9	−0,810	+17,3	− 3,49	− 0,5	−1	−1	1774	5 6,4018	11 27,988
							1775	5 9,7390	11 17,593
19	−0,623	+20,0	− 3,47	+ 1,0	−1	−1	1776	5 13,0761	11 7,194
art. 1	−0,410	+22,5	− 3,30	+ 2,6	−2	−1	1777	5 16,4131	10 56,791
11	−0,174	+24,7	− 2,96	+ 4,3	−2	−1	1778	5 19,7500	10 46,384
21	+0,083	+26,6	− 2,44	+ 6,2	−3	0	1779	5 23,0869	10 35,973
31	+0,357	+28,2	− 1,73	+ 7,9	−3	0	1780	5 26,4237	10 25,559
							1781	5 29,7604	10 15,140
Ar. 10	+0,646	+29,5	− 0,86	+ 9,5	−3	0	1782	5 33,0970	10 4,717
20	+0,947	+30,4	+ 0,17	+10,9	−3	0	1783	5 36,4335	9 54,290
30	+1,254	+30,8	+ 1,32	+12,0	−3	+1	1784	5 39,7700	9 43,859
Mj. 10	+1,563	+30,7	+ 2,56	+12,6	−3	+1	1785	5 43,1064	9 33,423
20	+1,868	+30,0	+ 3,84	+12,8	−3	+1	1786	5 46,4427	9 22,983
							1787	5 49,7789	9 12,539
30	+2,162	+28,6	+ 5,12	+12,6	−3	+2	1788	5 53,1150	9 2,091
Jn. 9	+2,439	+26,5	+ 6,36	+12,0	−3	+2	1789	5 56,4511	8 51,639
19	+2,692	+23,8	+ 7,52	+11,1	−2	+2	1790	5 59,7871	8 41,184
29	+2,914	+20,4	+ 8,57	+ 9,8	−2	+3			
Jl 9	+3,100	+16,6	+ 9,48	+ 8,3	−1	+3			
19	+3,245	+12,3	+10,23	+ 6,7	−1	+3			
29	+3,345	+ 7,7	+10,82	+ 5,0	−1	+4			
Ag. 8	+3,398	+ 3,0	+11,23	+ 3,4	0	+4			
18	+3,405	− 1,5	+11,49	+ 1,8	0	+4			
28	+3,368	− 5,7	+11,59	+ 0,4	+1	+4			
Sept. 7	+3,291	− 9,4	+11,57	− 0,7	+1	+4			
17	+3,180	−12,5	+11,45	− 1,7	+2	+4			
27	+3,042	−14,7	+11,24	− 2,4	+2	+4			
Oct. 7	+2,886	−16,0	+10,97	− 3,0	+2	+4			
17	+2,722	−16,3	+10,65	− 3,3	+3	+4			
27	+2,560	−15,7	+10,31	− 3,5	+3	+4			
Nov. 6	+2,409	−14,2	+ 9,96	− 3,6	+3	+4			
16	+2,277	−11,9	+ 9,59	− 3,7	+2	+4			
26	+2,172	− 8,9	+ 9,22	− 3,8	+2	+4			
Dec. 6	+2,099	− 5,5	+ 8,84	− 3,8	+2	+4			
16	+2,062	− 1,9	+ 8,46	− 3,8	+1	+4			
26	+2,062	+ 1,9	+ 8,09	− 3,6	+1	+4			
36	+2,100	+ 5,6	+ 7,74	− 3,4	0	+3			

Diei reducto addendum est:

ante / post } Jan. 18 { 0 / +1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 2*a* *Capricorni.*

		^{h}	$'$	$''$		$^\circ$	$'$	$''$
1770	Jan. 0	20	5	17,691	—13	14	23,34
	Apr. 10			17,653			22,76
	Jul. 19			17,606			22,24
	Oct. 27			17,550			21,77
	Dec. 66			17,486			21,36
1771	Jan. 0	20	5	20,851	—13	14	11,08
	Apr. 10			20,782			10,71
	Jul. 19			20,706			10,41
	Oct. 27			20,624			10,17
	Dec. 66			20,535			10,01
1772	Jan. 1	20	5	23,907	—13	13	59,65
	Apr. 10			23,815			59,53
	Jul. 19			23,719			59,49
	Oct. 27			23,620			59,53
	Dec. 66			23,517			59,64
1773	Jan. 0	20	5	26,893	—13	13	49,18
	Apr. 10			26,789			49,34
	Jul. 19			26,684			49,56
	Oct. 27			26,579			49,86
	Dec. 66			26,474			50,23
1774	Jan. 0	20	5	29,851	—13	13	39,68
	Apr. 10			29,747			40,09
	Jul. 19			29,646			40,56
	Oct. 27			29,548			41,09
	Dec. 66			29,454			41,67
1775	Jan. 0	20	5	32,826	—13	13	31,05
	Apr. 10			32,735			31,66
	Jul. 19			32,650			32,31
	Oct. 27			32,571			33,00
	Dec. 66			32,498			33,73
1776	Jan. 1	20	5	35,863	—13	13	23,06
	Apr. 10			35,695			23,80
	Jul. 19			35,736			24,56
	Oct. 27			35,685			25,33
	Dec. 66			35,642			26,12
1777	Jan. 0	20	5	38,997	—13	13	15,42
	Apr. 10			38,961			16,21
	Jul. 19			38,934			16,98
	Oct. 27			38,916			17,74
	Dec. 66			38,908			18,49
1778	Jan. 0	20	5	42,251	—13	13	7,81
	Apr. 10			42,249			8,54
	Jul. 19			42,257			9,24
	Oct. 27			42,274			9,91
	Dec. 66			42,300			10,54
1779	Jan. 0	20	5	45,632	—13	12	59,90
	Apr. 10			45,664		13	0,50
	Jul. 19			45,705			1,05
	Oct. 27			45,754			1,55
	Dec. 66			45,811			2,00

		^{h}	$'$	$''$		$^\circ$	$'$	$''$
1780	Jan. 1	20	5	49,132	—13	12	51,4
	Apr. 10			49,194			51,8
	Jul. 19			49,263			52,1
	Oct. 27			49,338			52,4
	Dec. 66			49,419			52,6
1781	Jan. 0	20	5	52,733	—13	12	42,1
	Apr. 10			52,818			42,3
	Jul. 19			52,906			42,4
	Oct. 27			52,998			42,4
	Dec. 66			53,094			42,4
1782	Jan. 0	20	5	56,403	—13	12	31,9
	Apr. 10			56,501			31,9
	Jul. 19			56,600			31,7
	Oct. 27			56,700			31,5
	Dec. 66			56,801			31,2
1783	Jan. 0	20	6	0,108	—13	12	20,9
	Apr. 10			0,208			20,5
	Jul. 19			0,307			20,2
	Oct. 27			0,404			19,7
	Dec. 66			0,499			19,2
1784	Jan. 1	20	6	3,809	—13	12	8,9
	Apr. 10			3,902			8,4
	Jul. 19			3,990			7,8
	Oct. 27			4,073			7,2
	Dec. 66			4,152			6,6
1785	Jan. 0	20	6	7,468	—13	11	56,3
	Apr. 10			7,543			55,6
	Jul. 19			7,611			54,9
	Oct. 27			7,643			54,2
	Dec. 66			7,727			53,4
1786	Jan. 0	20	6	11,051	—13	11	43,2
	Apr. 10			11,100			42,5
	Jul. 19			11,140			41,7
	Oct. 27			11,172			40,9
	Dec. 66			11,196			40,2
1787	Jan. 0	20	6	14,530	—13	11	30,0
	Apr. 10			14,547			29,2
	Jul. 19			14,555			28,5
	Oct. 27			14,553			27,7
	Dec. 66			14,542			27,0
1788	Jan. 1	20	6	17,888	—13	11	16,8
	Apr. 10			17,870			16,1
	Jul. 19			17,843			15,5
	Oct. 27			17,808			14,9
	Dec. 66			17,763			14,4
1789	Jan. 0	20	6	21,119	—13	11	4,1
	Apr. 10			21,068			3,6
	Jul. 19			21,009			3,1
	Oct. 27			20,943			2,7
	Dec. 66			20,868			2,4

Tabulae X. Sect. II. 2*a* *Capricorni.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jan. 0	—1,255	+ 4,2	— 2,56	— 3,5	+1	—1	1770	20 5 16,6339	—13 14 28,808
10	—1,194	+ 7,9	— 2,89	— 3,1	+1	—1	1771	5 19,9760	14 18,402
20	—1,098	+11,2	— 3,17	— 2,5	0	—1	1772	5 23,3180	14 7,992
30	—0,970	+14,4	— 3,38	— 1,6	0	—1	1773	5 26,6599	13 57,578
Febr. 9	—0,810	+17,4	— 3,48	— 0,4	—1	—1	1774	5 30,0017	13 47,160
							1775	5 33,3434	13 36,738
19	—0,623	+20,0	— 3,46	+ 1,0	—1	—1	1776	5 36,6851	13 26,312
Mrt. 1	—0,411	+22,4	— 3,29	+ 2,6	—2	—1	1777	5 40,0267	13 15,882
11	—0,175	+24,6	— 2,95	+ 4,4	—2	—1	1778	5 43,3682	13 5,448
21	+0,081	+26,6	— 2,42	+ 6,2	—3	0	1779	5 46,7096	12 55,009
31	+0,356	+28,2	— 1,71	+ 8,0	—3	0	1780	5 50,0508	12 44,566
							1781	5 53,3921	12 34,119
Apr. 10	+0,645	+29,5	— 0,83	+ 9,6	—3	0	1782	5 56,7333	12 23,668
20	+0,946	+30,4	+ 0,20	+10,9	—3	0	1783	6 0,0744	12 13,213
30	+1,253	+30,9	+ 1,35	+12,0	—3	0	1784	6 3,4154	12 2,754
Mj. 10	+1,563	+30,8	+ 2,59	+12,6	—3	+1	1785	6 6,7563	11 52,291
20	+1,868	+30,0	+ 3,87	+12,8	—3	+1	1786	6 10,0972	11 41,824
							1787	6 13,4380	11 31,353
30	+2,162	+28,6	+ 5,15	+12,6	—3	+2	1788	6 16,7787	11 20,878
Jn. 9	+2,440	+26,6	+ 6,39	+12,0	—3	+2	1789	6 20,1193	11 10,398
19	+2,693	+23,8	+ 7,55	+11,1	—2	+2	1790	6 23,4597	10 59,914
29	+2,915	+20,5	+ 8,60	+ 9,8	—2	+3			
Jl. 9	+3,102	+16,6	+ 9,51	+ 8,3	—2	+3			
19	+3,247	+12,3	+10,26	+ 6,7	—1	+3			
29	+3,347	+ 7,7	+10,84	+ 5,0	—1	+4			
Aug. 8	+3,401	+ 3,1	+11,25	+ 3,4	0	+4			
18	+3,409	— 1,4	+11,51	+ 1,8	0	+4			
28	+3,373	— 5,7	+11,61	+ 0,4	+1	+4			
Sept. 7	+3,296	— 9,4	+11,59	— 0,8	+1	+4			
17	+3,185	—12,5	+11,46	— 1,7	+2	+4			
27	+3,047	—14,7	+11,25	— 2,4	+2	+4			
Oct. 7	+2,892	—16,0	+10,98	— 3,0	+2	+4			
17	+2,728	—16,3	+10,66	— 3,3	+2	+4			
27	+2,566	—15,7	+10,32	— 3,5	+3	+4			
Nov. 6	+2,415	—14,2	+ 9,97	— 3,6	+3	+4			
16	+2,283	—11,9	+ 9,60	— 3,7	+2	+4			
26	+2,178	— 8,9	+ 9,23	— 3,8	+2	+4			
Dec. 6	+2,105	— 5,5	+ 8,85	— 3,8	+2	+4			
16	+2,068	— 1,9	+ 8,48	— 3,7	+1	+4			
26	+2,068	+ 1,9	+ 8,11	— 3,6	+1	+3			
36	+2,105	+ 5,6	+ 7,76	— 3,3	0	+3			

Diei reducto addendum est:

ante } Jan. 18 { 0
post } { + 1

In mense. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Cygni.*

		h ′ ″	° ′ ″
1770	Jan. 0	20 33 36,619	+44 28 9,13
	Apr. 10	36,632	9,63
	Jul. 19	36,638	10,08
	Oct. 27	36,637	10,46
	Dec 66	36,630	10,79
1771	Jan. 0	20 33 38,673	+44 28 23,14
	Apr. 10	38,661	23,43
	Jul. 19	38,643	23,64
	Oct. 27	38,618	23,79
	Dec. 66	38,586	23,86
1772	Jan. 1	20 33 40,637	+44 28 36,30
	Apr. 10	40,602	36,33
	Jul. 19	40,561	36,29
	Oct. 27	40,514	36,17
	Dec. 66	40,462	35,98
1773	Jan. 0	20 33 42,520	+44 28 48,51
	Apr. 10	42,464	48,28
	Jul. 19	42,405	47,98
	Oct. 27	42,342	47,62
	Dec. 66	42,276	47,19
1774	Jan. 0	20 33 44,339	+44 28 59,79
	Apr. 10	44,270	59,32
	Jul. 19	44,200	58,81
	Oct. 27	44,129	58,24
	Dec. 66	44,056	57,62
1775	Jan. 0	20 33 46,121	+44 29 10,29
	Apr. 10	46,048	9,64
	Jul. 19	45,975	8,97
	Oct. 27	45,904	8,26
	Dec. 66	45,834	7,53
1776	Jan. 1	20 33 47,897	+44 29 20,24
	Apr. 10	47,828	19,49
	Jul. 19	47,762	18,74
	Oct. 27	47,699	17,99
	Dec. 66	47,639	17,23
1777	Jan. 0	20 33 49,698	+44 29 29,94
	Apr. 10	49,641	29,19
	Jul. 19	49,589	28,45
	Oct. 27	49,542	27,73
	Dec. 66	49,499	27,03
1778	Jan. 0	20 33 51,552	+44 29 39,73
	Apr. 10	51,513	39,05
	Jul. 19	51,481	38,40
	Oct. 27	51,454	37,80
	Dec. 66	51,433	37,24
1779	Jan. 0	20 33 53,479	+44 29 49,89
	Apr. 10	53,462	49,36
	Jul. 19	53,452	48,88
	Oct. 27	53,448	48,46
	Dec. 66	53,450	48,10
1780	Jan. 1	20 33 55,489	+44 30 0,6
	Apr. 10	55,495	0,3
	Jul. 19	55,508	0,1
	Oct. 27	55,527	29 59,9
	Dec. 66	55,553	59,7
1781	Jan. 0	20 33 57,584	+44 30 12,2
	Apr. 10	57,613	12,1
	Jul. 19	57,648	12,1
	Oct. 27	57,687	12,3
	Dec. 66	57,732	12,3
1782	Jan. 0	20 33 59,757	+44 30 24,7
	Apr. 10	59,805	24,9
	Jul. 19	59,857	25,1
	Oct. 27	59,913	25,4
	Dec. 66	59,973	25,7
1783	Jan. 0	20 34 1,993	+44 30 38,1
	Apr. 10	2,055	38,4
	Jul. 19	2,119	38,9
	Oct. 27	2,185	39,4
	Dec. 66	2,254	39,9
1784	Jan. 1	20 34 4,271	+44 30 52,3
	Apr. 10	4,340	52,8
	Jul. 19	4,410	53,4
	Oct. 27	4,480	54,0
	Dec. 66	4,550	54,7
1785	Jan. 0	20 34 6,567	+44 31 6,9
	Apr. 10	6,636	7,6
	Jul. 19	6,704	8,4
	Oct. 27	6,769	9,1
	Dec. 66	6,833	9,8
1786	Jan. 0	20 34 8,852	+44 31 22,1
	Apr. 10	8,914	22,8
	Jul. 19	8,972	23,5
	Oct. 27	9,027	24,3
	Dec. 66	9,077	25,0
1787	Jan. 0	20 34 11 101	+44 31 37,9
	Apr. 10	11,149	38,6
	Jul. 19	11,191	38,7
	Oct. 27	11,227	39,3
	Dec. 66	11,258	40,0
1788	Jan. 1	20 34 13,289	+44 31 52,2
	Apr. 10	13,316	53,9
	Jul. 19	13,337	53,4
	Oct. 27	13,351	53,9
	Dec. 66	13,359	54,4
1789	Jan. 0	20 34 15,398	+44 32 6,7
	Apr. 10	15,400	7,2
	Jul. 19	15,396	7,6
	Oct. 27	15,387	7,9
	Dec. 66	15,371	8,0

Tabulae X. Sect. II. *α Cygni.*

	1780		1780		Var. 10 annor.	
	″	″	″	″		
Jn. 0	−1,606	− 7,2	+ 6,44	−26,6	0	+2
10	−1,655	− 2,4	+ 3,67	−28,5	0	+3
20	−1,654	+ 2,6	+ 0,74	−29,6	−1	+3
30	−1,604	+ 7,6	− 2,24	−29,4	−1	+3
Febr. 9	−1,503	+12,5	− 5,13	−28,0	−2	+3
19	−1,354	+17,2	− 7,84	−25,6	−2	+2
Mrt. 1	−1,159	+21,7	−10,24	−22,1	−2	+2
11	−0,921	+25,8	−12,25	−17,7	−3	+2
21	−0,644	+29,4	−13,77	−12,6	−3	+1
31	−0,333	+32,4	−14,76	− 7,0	−3	+1
Apr. 10	+0,004	+34,7	−15,17	− 1,2	−3	+1
20	+0,360	+36,1	−14,99	+ 4,7	−3	0
30	+0,726	+36,7	−14,23	+10,4	−2	0
Mai. 10	+1,094	+36,5	−12,92	+15,6	−2	0
20	+1,455	+35,3	−11,11	+20,4	−2	−1
30	+1,799	+33,1	− 8,84	+24,5	−1	−1
Jun. 9	+2,117	+30,1	− 6,21	+27,8	−1	−1
19	+2,401	+26,3	− 3,29	+30,3	−1	−1
29	+2,643	+21,8	− 0,15	+32,1	0	−1
Jul. 9	+2,837	+16,8	+ 3,12	+32,9	0	−1
19	+2,978	+11,3	+ 6,43	+33,0	+1	−1
29	+3,063	+ 5,7	+ 9,72	+32,4	+1	−1
Aug. 8	+3,091	0,0	+12,91	+31,0	+1	−1
18	+3,063	− 5,6	+15,92	+29,0	+2	0
28	+2,980	−10,8	+18,71	+26,5	+2	0
Sept. 7	+2,848	−15,4	+21,21	+23,4	+2	+0
17	+2,672	−19,4	+23,38	+19,8	+3	+1
27	+2,451	−22,5	+25,17	+15,8	+3	+1
Oct. 7	+2,223	−24,7	+26,54	+11,5	+3	+1
17	+1,967	−26,0	+27,46	+ 6,9	+3	+2
27	+1,704	−26,2	+27,92	+ 2,1	+3	+2
Nov. 6	+1,444	−25,4	+27,87	− 3,0	+3	+3
16	+1,197	−23,7	+27,33	− 7,9	+3	+3
26	+0,970	−21,3	+26,30	−12,7	+2	+4
Dec. 6	+0,772	−18,1	+24,79	−17,3	+2	+4
16	+0,609	−14,3	+22,85	−21,4	+2	+4
26	+0,487	−10,1	+20,52	−24,8	+1	+5
36	+0,409	− 5,4	+17,90	−27,5	+1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	20 33 35,8585	+44 28 3,180
1771	33 37,8984	28 15,630
1772	33 39,9383	28 28,083
1773	33 41,9782	28 40,538
1774	33 44,0182	28 52,995
1775	33 46,0582	29 5,454
1776	33 48,0982	29 17,915
1777	33 50,1382	29 30,379
1778	33 52,1783	29 42,845
1779	33 54,2184	29 55,313
1780	33 56,2585	30 7,784
1781	33 58,2986	30 20,257
1782	34 0,3388	30 32,732
1783	34 2,3790	30 45,209
1784	34 4,4192	30 57,689
1785	34 6,4594	31 10,171
1786	34 8,4996	31 22,655
1787	34 10,5399	31 35,142
1788	34 12,5802	31 47,631
1789	34 14,6205	32 0,122
1790	34 16,6608	32 12,615

Diei reducto addendum est:

ante } Jan. 25 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Aquarii.*

1770	Jan. 0	21 53 58,903	—	1 25 35,63	1780	Jan. 1	21 54 27,891	—	1 22 58
	Apr. 10	58,872		35,38		Apr. 10	27,944		58
	Jul. 19	58,833		35,19		Jul. 19	28,004		58
	Oct. 27	58,787		35,06		Oct. 27	28,070		58
	Dec. 66	58,732		34,99		Dec. 66	28,142		58
1771	Jan. 0	21 54 1,837	—	1 25 17,92	1781	Jan. 0	21 54 31,203	—	1 22 41
	Apr. 10	1,777		17,90		Apr. 10	31,278		41
	Jul. 19	1,711		17,94		Jul. 19	31,357		41
	Oct. 27	1,638		18,05		Oct. 27	31,440		40
	Dec. 66	1,559		18,22		Dec. 66	31,526		40
1772	Jan. 1	21 54 4,673	—	1 25 1,07	1782	Jan. 0	21 54 34,583	—	1 22 29
	Apr. 10	4,590		1,29		Apr. 10	34,672		29
	Jul. 19	4,504		1,56		Jul. 19	34,763		29
	Oct. 27	4,414		1,89		Oct. 27	34,854		29
	Dec. 66	4,320		2,28		Dec. 66	34,947		21
1773	Jan. 0	21 54 7,438	—	1 24 45,06	1783	Jan. 0	21 54 38,002	—	1 22 4
	Apr. 10	7,342		45,48		Apr. 10	38,095		4
	Jul. 19	7,246		45,95		Jul. 19	38,187		3
	Oct. 27	7,149		46,47		Oct. 27	38,277		3
	Dec. 66	7,051		47,03		Dec. 66	38,367		2
1774	Jan. 0	21 54 10,170	—	1 24 29,75	1784	Jan. 1	21 54 41,422	—	1 21 45
	Apr. 10	10,073		30,34		Apr. 10	41,510		45
	Jul. 19	9,978		30,95		Jul. 19	41,594		44
	Oct. 27	9,886		31,60		Oct. 27	41,674		43
	Dec. 66	9,797		32,27		Dec. 66	41,750		43
1775	Jan. 0	21 54 12,912	—	1 24 14,95	1785	Jan. 0	21 54 44,810	—	1 21 26
	Apr. 10	12,825		15,63		Apr. 10	44,883		25
	Jul. 19	12,744		16,31		Jul. 19	44,950		24
	Oct. 27	12,668		17,00		Oct. 27	45,011		24
	Dec. 66	12,597		17,69		Dec. 66	45,065		23
1776	Jan. 1	21 54 15,706	—	1 24 0,36	1786	Jan. 0	21 54 48,133	—	1 21 6
	Apr. 10	15,640		1,05		Apr. 10	48,183		6
	Jul. 19	15,581		1,72		Jul. 19	48,225		5
	Oct. 27	15,550		2,37		Oct. 27	48,259		4
	Dec. 66	15,487		3,01		Dec. 66	48,285		4
1777	Jan. 0	21 54 18,585	—	1 23 45,70	1787	Jan. 0	21 54 51,363	—	1 20 47
	Apr. 10	18,546		46,32		Apr. 10	51,383		46
	Jul. 19	18,516		46,90		Jul. 19	51,396		46
	Oct. 27	18,495		47,44		Oct. 27	51,400		45
	Dec. 66	18,483		47,95		Dec. 66	51,395		45
1778	Jan. 0	21 54 21,572	—	1 23 30,68	1788	Jan. 1	21 54 54,483	—	1 20 28
	Apr. 10	21,565		31,16		Apr. 10	54,472		28
	Jul. 19	21,567		31,53		Jul. 19	54,452		27
	Oct. 27	21,578		31,96		Oct. 27	54,424		27
	Dec. 66	21,597		32,28		Dec. 66	54,387		27
1779	Jan. 0	21 54 24,675	—	1 23 15,08	1789	Jan. 0	21 54 57,485	—	1 20 10
	Apr. 10	24,700		15,38		Apr. 10	57,443		10
	Jul. 19	24,733		15,61		Jul. 19	57,393		10
	Oct. 27	24,774		15,77		Oct. 27	57,336		10
	Dec. 66	24,823		15,86		Dec. 66	57,271		10

Tabulae X. Sect. II. *α Aquarii.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
								^{h} $'$ $''$	$^\circ$ $'$ $''$
J. 0	−0,″850	− 5,1	− 1,″34	− 7,7	+2	+1	1770	21 53 57,9098	− 1 25 42,423
10	−0,889	− 2,6	− 2,11	− 7,6	+2	+1	1771	54 0,9959	25 25,340
20	−0,902	+ 0,1	− 2,85	− 7,0	+2	+1	1772	54 4,0820	25 8,255
30	−0,887	+ 2,9	− 3,51	− 6,1	+1	+1	1773	54 7,1680	24 51,167
Febr. 9	−0,845	+ 5,7	− 4,07	− 4,8	0	+1	1774	54 10,2540	24 34,077
							1775	54 13,3398	24 16,985
19	−0,774	+ 8,7	− 4,47	− 3,1	0	0	1776	54 16,4257	23 59,890
Mrt. 1	−0,672	+11,8	− 4,68	− 1,0	−1	0	1777	54 19,5115	23 42,793
11	−0,539	+14,9	− 4,66	+ 1,5	−1	0	1778	54 22,5973	23 25,693
21	−0,375	+17,9	− 4,39	+ 4,0	−2	0	1779	54 25,6831	23 8,592
31	−0,181	+20,9	− 3,86	+ 6,8	−2	0	1780	54 28,7688	22 51,488
							1781	54 31,8545	22 34,382
Apr. 10	+0,043	+23,8	− 3,04	+ 9,5	−2	−1	1782	54 34,9401	22 17,274
20	+0,294	+26,3	− 1,97	+12,0	−3	−1	1783	54 38,0257	22 0,164
30	+0,568	+28,4	− 0,64	+14,4	−3	−1	1784	54 41,1112	21 43,051
Mai. 10	+0,861	+29,9	+ 0,90	+16,3	−3	−1	1785	54 44,1967	21 25,936
20	+1,166	+30,8	+ 2,61	+17,8	−3	−1	1786	54 47,2822	21 8,819
							1787	54 50,3676	20 51,699
30	+1,477	+31,0	+ 4,45	+18,8	−3	−1	1788	54 53,4530	20 34,577
Jun. 9	+1,785	+30,4	+ 6,36	+19,3	−3	−1	1789	54 56,5383	20 17,453
19	+2,085	+29,1	+ 8,30	+19,2	−3	0	1790	54 59,6235	20 0,326
29	+2,366	+26,9	+10,20	+18,6	−2	0			
Jul. 9	+2,623	+24,1	+12,02	+17,6	−2	0			
19	+2,848	+20,7	+13,72	+16,2	−2	0			
29	+3,036	+16,8	+15,25	+14,4	−1	+1			
Aug. 8	+3,183	+12,5	+16,59	+12,3	−1	+1			
18	+3,286	+ 8,1	+17,71	+10,2	−1	+1			
28	+3,345	+ 3,8	+18,62	+ 8,0	0	+2			
Sept. 7	+3,361	− 0,4	+19,31	+ 5,8	0	+2			
17	+3,337	− 4,2	+19,78	+ 3,7	+1	+2			
27	+3,278	− 7,4	+20,05	+ 1,8	+1	+3			
Oct. 7	+3,189	−10,0	+20,13	− 0,1	+2	+3			
17	+3,078	−11,9	+20,04	− 1,7	+2	+3			
27	+2,952	−13,0	+19,80	− 3,1	+2	+3			
Nov. 6	+2,819	−13,3	+19,43	− 4,3	+3	+3			
16	+2,686	−12,9	+18,95	− 5,3	+3	+4			
26	+2,561	−12,0	+18,37	− 6,2	+3	+4			
Dec. 6	+2,446	−10,6	+17,71	− 6,9	+3	+4			
16	+2,349	− 8,7	+17,00	− 7,4	+2	+4			
26	+2,272	− 6,6	+16,24	− 7,7	+2	+4			
36	+2,218	− 4,2	+15,47	− 7,7	+2	+3			

Diei reducto addendum est:

ante / post } Febr. 14 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Piscis austrini.*

		h	′	″	°	′	″
1770	Jan. 0	22	44	54,753	—30	50	1,73
	Apr. 10			54,691			1,66
	Jul. 19			54,622			1,65
	Oct. 27			54,545			1,69
	Dec. 66			54,461			1,80
1771	Jan. 0	22	44	57,842	—30	49	42,99
	Apr. 10			57,753			43,14
	Jul. 19			57,660			43,35
	Oct. 27			57,562			43,61
	Dec. 66			57,459			43,93
1772	Jan. 1	22	45	0,845	—30	49	25.05
	Apr. 10			0,740			25,41
	Jul. 19			0,633			25,81
	Oct. 27			0,325			26.26
	Dec. 66			0,415			26,76
1773	Jan. 0	22	45	3,803	—30	49	7,82
	Apr. 10			3,693			8,34
	Jul. 19			3,586			8,89
	Oct. 27			3,480			9.48
	Dec. 66			3,377			10,09
1774	Jan. 0	22	45	6,762	—30	48	51,12
	Apr. 10			6,661			51,74
	Jul. 19			6,566			52,38
	Oct. 27			6,476			53,03
	Dec. 66			6,391			53,69
1775	Jan. 0	22	45	9,770	—30	48	34,70
	Apr. 10			9,690			35,35
	Jul. 19			9,618			36,00
	Oct. 27			9,554			36,63
	Dec. 66			9,499			37,25
1776	Jan. 1	22	45	12,867	—30	48	18,28
	Apr. 10			12,817			18,88
	Jul. 19			12,777			19,46
	Oct. 27			12,747			20,00
	Dec. 66			12,727			20,52
1777	Jan. 0	22	45	16,083	—30	48	1,58
	Apr. 10			16,069			2,07
	Jul. 19			16,065			2,51
	Oct. 27			16,072			2,90
	Dec. 66			16,088			3,25
1778	Jan. 0	22	45	19,432	—30	47	44,37
	Apr. 10			19,454			44,68
	Jul. 19			19,486			44,94
	Oct. 27			19,527			45,14
	Dec. 66			19,578			45,29
1779	Jan. 0	22	45	22,910	—30	47	26,47
	Apr. 10			22,966			26,58
	Jul. 19			23,030			26,63
	Oct. 27			23,101			26,63
	Dec. 66			23,179			26,56
1780	Jan. 1	22	45	26,502	—30	47	7,
	Apr. 10			26,584			7,
	Jul. 19			26,671			7,
	Oct. 27			26,763			7,
	Dec. 66			26,860			7,
1781	Jan. 0	22	45	30,177	—30	46	48,
	Apr. 10			30.276			48,
	Jul. 19			30,377			47,
	Oct. 27			30,480			47,
	Dec. 66			30,584			46,
1782	Jan. 0	22	45	33,899	—30	46	28,
	Apr. 10			34,004			27,
	Jul. 19			34,108			27,
	Oct. 27			34,211			26,
	Dec. 66			34,312			26,
1783	Jan. 0	22	45	37,628	—30	46	7,
	Apr. 10			37,728			7,
	Jul. 19			37,824			6,
	Oct. 27			37,916			5,
	Dec. 66			38,004			5,
1784	Jan. 1	22	45	41,324	—30	45	46,
	Apr. 10			41,409			46,
	Jul. 19			41,487			45,
	Oct. 27			41,558			44,
	Dec. 66			41,623			44,
1785	Jan. 0	22	45	44,951	—30	45	25,
	Apr. 10			45.011			25,
	Jul. 19			45,062			24,
	Oct. 27			45,105			23,
	Dec. 66			45,140			23,
1786	Jan. 0	22	45	48,478	—30	45	4,
	Apr. 10			48,507			4,
	Jul. 19			48,526			3,
	Oct. 27			48,535			3,
	Dec. 66			48,535			2,
1787	Jan. 0	22	45	51,885	—30	44	44,
	Apr. 10			51,878			43,
	Jul. 19			51,862			43,
	Oct. 27			51,836			43,
	Dec. 66			51,801			42,
1788	Jan. 1	22	45	55,162	—30	44	24,
	Apr. 10			55,120			23.
	Jul. 19			55,070			23.
	Oct. 27			55,011			23,
	Dec. 66			54,943			23,
1789	Jan. 0	22	45	58,314	—30	44	4,
	Apr. 10			58,241			4.
	Jul. 19			58,162			5,
	Oct. 27			58,076			5,
	Dec. 66			57,983			5,

Tabulae X. Sect. II. *a Piscis austrini.*

	1780		1780		Var. 10 annor.	
Jan. 0	—0″,724	— 9,9	—10″,00	+ 2,9	+4	0
10	—0,812	— 7,6	— 9,57	+ 5,7	+4	0
20	—0,875	— 5,0	— 8,87	+ 8,3	+3	—1
30	—0,911	— 2,1	— 7,91	+10,8	+3	—1
Febr. 9	—0,917	+ 1,0	— 6,71	+13,2	+2	—2
19	—0,892	+ 4,2	— 5,28	+15,3	+1	—2
Mrt. 1	—0,833	+ 7,7	— 3,65	+17,3	+1	—2
11	—0,738	+11,3	— 1,83	+19,0	0	—2
21	—0,607	+15,0	+ 0,14	+20,4	—1	—3
31	—0,438	+18,8	+ 2,24	+21,5	—2	—3
Apr. 10	—0,231	+22,5	+ 4,44	+22,2	—2	—3
20	+0,012	+26,0	+ 6,68	+22,5	—3	—2
30	+0,288	+29,1	+ 8,93	+22,3	—3	—2
Mai. 10	+0,593	+31,7	+11,13	+21,6	—4	—2
20	+0,922	+33,7	+13,25	+20,5	—4	—2
30	+1,267	+34,9	+15,22	+18,7	—4	—1
Jun. 9	+1,620	+35,4	+16,99	+16,5	—5	—1
19	+1,974	+34,9	+18,52	+13,9	—5	0
29	+2,317	+33,5	+19,77	+11,0	—5	0
Jul. 9	+2,643	+31,2	+20,71	+ 7,7	—5	+1
19	+2,941	+28,1	+21,31	+ 4,3	—4	+1
29	+3,205	+24,3	+21,56	+ 0,8	—4	+2
Aug. 8	+3,427	+19,9	+21,47	— 2,6	—4	+3
18	+3,602	+15,1	+21,05	— 5,7	—3	+3
28	+3,729	+10,2	+20,33	— 8,5	—3	+3
Sept. 7	+3,805	+ 5,2	+19,36	—10,8	—2	+4
17	+3,832	+ 0,4	+18,18	—12,5	—2	+4
27	+3,813	— 4,0	+16,86	—13,6	—1	+4
Oct. 7	+3,753	— 7,7	+15,46	—14,0	0	+4
17	+3,660	—10,7	+14,06	—13,8	0	+4
27	+3,539	—13,0	+12,71	—12,9	+1	+4
Nov. 6	+3,400	—14,5	+11,48	—11,4	+1	+4
16	+3,250	—15,1	+10,43	— 9,5	+2	+4
26	+3,098	—15,0	+ 9,59	— 7,2	+2	+3
Dec. 6	+2,950	—14,3	+ 9,00	— 4,5	+2	+3
16	+2,813	—12,9	+ 8,69	— 1,7	+2	+2
26	+2,692	—11,2	+ 8,66	+ 1,1	+2	+2
36	+2,590	— 9,1	+ 8,91	+ 3,9	+2	+1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	22 44 53,7731	—30 50 8,639
1771	44 57,1251	49 49,877
1772	45 0,4769	49 31,113
1773	45 3,8285	49 12,347
1774	45 7,1799	48 53,580
1775	45 10,5310	48 34,811
1776	45 13,8819	48 16,041
1777	45 17,2326	47 57,270
1778	45 20,5831	47 38,497
1779	45 23,9334	47 19,722
1780	45 27,2835	47 0,946
1781	45 30,6334	46 42,168
1782	45 33,9830	46 23,389
1783	45 37,3324	46 4,608
1784	45 40,6816	45 45,826
1785	45 44,0306	45 27,043
1786	45 47,3794	45 8,258
1787	45 50,7280	44 49,472
1788	45 54,0763	44 30,684
1789	45 57,4244	44 11,894
1790	46 0,7723	43 53,103

Diei reducto addendum est:

ante / post } Febr. 27 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Pegasi.*

		^{h}	^{m}	^{s}	°	′	″			^{h}	^{m}	^{s}	°	′	″
1770	Jan. 0	22	53	20,088	+13	58	24,47	1780	Jan. 1	22	53	47,950	+ 14	1	22,8
	Apr. 10			20,072			24,51		Apr. 10			47,989			23,0
	Jul. 19			20,048			24,50		Jul. 19			48,035			23,1
	Oct. 27			20,015			24,42		Oct. 27			48,089			23,4
	Dec. 66			19,974			24,29		Dec. 66			48,149			23,7
1771	Jan. 0	22	53	22,967	+13	58	43,54	1781	Jan. 0	22	53	51,107	+ 14	1	42,8
	Apr. 10			22,921			43,36		Apr. 10			51,171			43,1
	Jul. 19			22,868			43,13		Jul. 19			51,240			43,5
	Oct. 27			22,808			42,84		Oct. 27			51,314			43,9
	Dec. 66			22,740			42,50		Dec. 66			51,392			44,3
1772	Jan. 1	22	53	25,741	+13	59	1,83	1782	Jan. 0	22	53	54,344	+ 14	2	3,4
	Apr. 10			25,669			1,45		Apr. 10			54,425			3,9
	Jul. 19			25,593			1,03		Jul. 19			54,509			4,4
	Oct. 27			25,512			0,56		Oct. 27			54,596			4,9
	Dec. 66			25,426			0,05		Dec. 66			54,685			5,5
1773	Jan. 0	22	53	28,433	+13	59	19,43	1783	Jan. 0	22	53	57,634	+ 14	2	24,2
	Apr. 10			28,344			18,89		Apr. 10			57,723			25,2
	Jul. 19			28,254			18,33		Jul. 19			57,813			25,7
	Oct. 27			28,161			17,74		Oct. 27			57,903			26,2
	Dec. 66			28,066			17,12		Dec. 66			57,993			26,7
1774	Jan. 0	22	53	31,076	+13	59	36,53	1784	Jan. 1	22	54	0,942	+ 14	2	45,2
	Apr. 10			30,981			35,90		Apr. 10			1,031			46,2
	Jul. 19			30,887			35,26		Jul. 19			1,118			47,2
	Oct. 27			30,794			34,61		Oct. 27			1,202			47,7
	Dec. 66			30,702			33,95		Dec. 66			1,283			48,2
1775	Jan. 0	22	53	33,711	+13	59	53,39	1785	Jan. 0	22	54	4,235	+ 14	3	7,2
	Apr. 10			33,621			52,74		Apr. 10			4,314			8,1
	Jul. 19			33,535			52,10		Jul. 19			4,388			8,7
	Oct. 27			33,453			51,48		Oct. 27			4,457			9,2
	Dec. 66			33,375			50,87		Dec. 66			4,522			9,7
1776	Jan. 1	22	53	36,379	+14	0	10,28	1786	Jan. 0	22	54	7,480	+ 14	3	28,2
	Apr. 10			36,305			9,69		Apr. 10			7,540			29,2
	Jul. 19			36,237			9,13		Jul. 19			7,593			29,7
	Oct. 27			36,175			8,61		Oct. 27			7,639			30,2
	Dec. 66			36,120			8,12		Dec. 66			7,678			30,7
1777	Jan. 0	22	53	39,116	+14	0	27,49	1787	Jan. 0	22	54	10,645	+ 14	3	49,2
	Apr. 10			39,066			27,03		Apr. 10			10,679			50,2
	Jul. 19			39,024			26,61		Jul. 19			10,705			50,7
	Oct. 27			38,990			26,24		Oct. 27			10,723			50,2
	Dec. 66			38,963			25,92		Dec. 66			10,732			50,7
1778	Jan. 0	22	53	41,950	+14	0	45,23	1788	Jan. 1	22	54	13,709	+ 14	4	9,2
	Apr. 10			41,929			44,94		Apr. 10			13,713			10,2
	Jul. 19			41,917			44,71		Jul. 19			13,708			10,7
	Oct. 27			41,913			44,54		Oct. 27			13,694			10,2
	Dec. 66			41,918			44,42		Dec. 66			13,672			10,7
1779	Jan. 0	22	53	44,894	+14	1	3,67	1789	Jan. 0	22	54	16,660	+ 14	4	29,2
	Apr. 10			44,904			3,59		Apr. 10			16,632			29,2
	Jul. 19			44,923			3,56		Jul. 19			16,596			29,2
	Oct. 27			44,949			3,60		Oct. 27			16,552			29,2
	Dec. 66			44,983			3,69		Dec. 66			16,501			28,2

Tabulae X. Sect. II. *α Pegasi.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
J. 0	−0,569	− 9,4	+ 3,36	−10,6	+3	+2	1770	22 53 19,0881	+13 58 17,576
10	−0,656	− 8,3	+ 2,23	−11,8	+2	+2	1771	53 22,0664	58 36,777
20	−0,725	− 5,9	+ 1,01	−12,4	+2	+2	1772	53 25,0447	58 55,979
30	−0,773	− 3,6	− 0,25	−12,6	+2	+2	1773	53 28,0231	59 15,184
Fr. 9	−0,796	− 0,9	− 1,50	−12,2	+1	+2	1774	53 31,0016	59 34,387
							1775	53 33,9801	59 53,593
19	−0,791	+ 2,1	− 2,68	−11,1	+1	+2	1776	53 36,9587	14 0 12,800
Mt. 1	−0,755	+ 5,4	− 3,71	− 9,4	0	+2	1777	53 39,9373	0 32,008
11	−0,684	+ 8,9	− 4,55	− 7,1	−1	+1	1778	53 42,9160	0 51,217
21	−0,578	+12,5	− 5,13	− 4,4	−1	+1	1779	53 45,8946	1 10,427
31	−0,434	+16,3	− 5,42	− 1,3	−1	+1	1780	53 48,8734	1 29,638
							1781	53 51,8522	1 48,851
Ap. 10	−0,253	+19,9	− 5,38	+ 2,2	−2	0	1782	53 54,8311	2 8,065
20	−0,037	+23,2	− 4,98	+ 5,7	−2	0	1783	53 57,8100	2 27,280
30	+0,211	+26,2	− 4,24	+ 9,2	−2	0	1784	54 0,7891	2 46,496
Ma. 10	+0,487	+28,7	− 3,15	+12,5	−3	−1	1785	54 3,7681	3 5,713
20	+0,785	+30,5	− 1,74	+15,5	−3	−1	1786	54 6,7472	3 24,931
							1787	54 9,7263	3 44,151
30	+1,097	+31,6	− 0,05	+18,1	−3	−1	1788	54 12,7055	4 3,372
Jun. 9	+1,416	+31,8	+ 1,87	+20,2	−3	−1	1789	54 15,6848	4 22,594
19	+1,733	+31,2	+ 3,98	+21,7	−2	−2	1790	54 18,6641	4 41,817
29	+2,040	+29,8	+ 6,21	+22,6	−2	−2			
Jul. 9	+2,329	+27,6	+ 8,50	+23,0	−2	−2			
19	+2,592	+24,8	+10,80	+22,8	−2	−1			
29	+2,824	+21,3	+13,06	+22,1	−1	−1			
Aug. 8	+3,018	+17,4	+15,22	+20,9	−1	−1			
18	+3,172	+13,3	+17,24	+19,3	0	−1			
28	+3,284	+ 9,1	+19,08	+17,5	0	−1			
Sept. 7	+3,354	+ 5,0	+20,73	+15,4	+1	0			
17	+3,383	+ 1,0	+22,15	+13,0	+1	0			
27	+3,374	− 2,6	+23,33	+10,6	+2	0			
Oct. 7	+3,332	− 5,6	+24,27	+ 8,2	+2	+1			
17	+3,262	− 8,1	+24,96	+ 5,7	+3	+1			
27	+3,170	−10,0	+25,41	+ 3,3	+3	+2			
Nov. 6	+3,062	−11,4	+25,61	+ 0,8	+3	+2			
16	+2,943	−12,1	+25,57	− 1,6	+3	+2			
26	+2,820	−12,3	+25,29	− 3,9	+4	+3			
Dec. 6	+2,698	−12,0	+24,80	− 6,0	+4	+3			
16	+2,580	−11,4	+24,10	− 8,0	+4	+3			
26	+2,471	−10,3	+23,21	− 9,7	+3	+3			
36	+2,375	− 8,9	+22,16	−11,1	+3	+3			

Diei reducto addendum est:

ante / post } Mart. 2 { 0 / + 1

In mens. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Andromedae.*

		h $'$ $''$	$°$ $'$ $''$
1770	Jan. 0	23 56 33,582	+27 49 17,72
	Apr. 10	33,580	17,54
	Jul. 19	33,570	17,30
	Oct. 27	33,550	17,02
	Dec. 66	33,521	16,68
1771	Jan. 0	23 56 36,600	+27 49 36,71
	Apr. 10	36,565	36,34
	Jul. 19	36,522	35,92
	Oct. 27	36,470	35,46
	Dec. 66	36,410	34,96
1772	Jan. 1	23 56 39,499	+27 49 55,04
	Apr. 10	39,434	54,52
	Jul. 19	39,363	53,97
	Oct. 27	39,285	53,39
	Dec. 66	39,201	52,79
1773	Jan. 0	23 56 42,298	+27 50 12,90
	Apr. 10	42,210	12,29
	Jul. 19	42,119	11,67
	Oct. 27	42,024	11,04
	Dec. 66	41,926	10,41
1774	Jan. 0	23 56 45,028	+27 50 30,53
	Apr. 10	44,928	29,90
	Jul. 19	44,828	29,28
	Oct. 27	44,728	28,68
	Dec. 66	44,627	28,09
1775	Jan. 0	23 56 47,730	+27 50 48,19
	Apr. 10	47,630	47,62
	Jul. 19	47,533	47,08
	Oct. 27	47,439	46,58
	Dec. 66	47,348	46,11
1776	Jan. 1	23 56 50,447	+27 51 6,17
	Apr. 10	50,359	5,73
	Jul. 19	50,277	5,33
	Oct. 27	50,200	4,98
	Dec. 66	50,130	4,68
1777	Jan. 0	23 56 53,222	+27 51 24,68
	Apr. 10	53,156	24,41
	Jul. 19	53,098	24,20
	Oct. 27	53,048	24,05
	Dec. 66	53,005	23,95
1778	Jan. 0	23 56 56,087	+27 51 43,88
	Apr. 10	56,050	43,82
	Jul. 19	56,022	43,81
	Oct. 27	56,002	43,86
	Dec. 66	55,991	43,97
1779	Jan. 0	23 56 59,064	+27 52 3,84
	Apr. 10	59,060	3,98
	Jul. 19	59,064	4,18
	Oct. 27	59,077	4,43
	Dec. 66	59,099	4,73
1780	Jan. 1	23 57 2,160	+27 52 24,5
	Apr. 10	2,188	24,8
	Jul. 19	2,224	25,2
	Oct. 27	2,268	25,6
	Dec. 66	2,319	26,1
1781	Jan. 0	23 57 5,371	+27 52 45,8
	Apr. 10	5,427	46,2
	Jul. 19	5,490	46,8
	Oct. 27	5,559	47,3
	Dec. 66	5,634	47,9
1782	Jan. 0	23 57 8,679	+27 53 7,6
	Apr. 10	8,757	8,2
	Jul. 19	8,840	8,8
	Oct. 27	8,927	9,4
	Dec. 66	9,018	9,9
1783	Jan. 0	23 57 12,057	+27 53 29,1
	Apr. 10	12,150	30,0
	Jul. 19	12,244	30,8
	Oct. 27	12,339	31,6
	Dec. 66	12,436	32,4
1784	Jan. 1	23 57 15,474	+27 53 51,1
	Apr. 10	15,570	52,0
	Jul. 19	15,665	52,8
	Oct. 27	15,759	53,6
	Dec. 66	15,853	53,4
1785	Jan. 0	23 57 18,893	+27 54 13,2
	Apr. 10	18,984	14,0
	Jul. 19	19,070	14,7
	Oct. 27	19,153	15,3
	Dec. 66	19,231	15,9
1786	Jan. 0	23 57 22,276	+27 54 35,0
	Apr. 10	22,351	35,5
	Jul. 19	22,419	35,9
	Oct. 27	22,481	36,2
	Dec. 66	22,536	36,4
1787	Jan. 0	23 57 25,590	+27 54 56,0
	Apr. 10	25,640	56,2
	Jul. 19	25,682	56,3
	Oct. 27	25,716	56,4
	Dec. 66	25,741	56,4
1788	Jan. 1	23 57 28,804	+27 55 16,3
	Apr. 10	28,824	16,4
	Jul. 19	28,834	16,4
	Oct. 27	28,835	16,4
	Dec. 66	28,827	16,3
1789	Jan. 0	23 57 31,902	+27 55 3,8
	Apr. 10	31,887	3,2
	Jul. 19	31,864	3,1
	Oct. 27	31,832	3,5
	Dec. 66	31,791	3,4

Tabulae X. Sect. II. *α Andromedae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Ja. 0	—0,219	—13,5	+ 8,23	— 8,4	+3	+2	1770	23 56 32,5070	+27 49 11,228
10	—0,353	—13,0	+ 7,26	—11,0	+3	+2	1771	56 35,5751	49 31,136
20	—0,479	—12,0	+ 6,04	—13,2	+3	+3	1772	56 38,6434	49 51,044
30	—0,592	—10,3	+ 4,63	—14,8	+2	+3	1773	56 41,7119	50 10,952
Febr. 9	—0,685	— 8,1	+ 3,08	—15,9	+2	+3	1774	56 44,7805	50 30,860
							1775	56 47,8493	50 50,768
19	—0,754	— 5,3	+ 1,46	—16,1	+1	+3	1776	56 50,9183	51 10,676
Mrt. 1	—0,791	— 1,9	— 0,14	—15,6	+1	+3	1777	56 53,9875	51 30,584
11	—0,792	+ 2,0	— 1,66	—14,5	0	+3	1778	56 57,0568	51 50,492
21	—0,751	+ 6,3	— 3,03	—12,5	0	+2	1779	57 0,1262	52 10,400
31	—0,666	+10,8	— 4,16	— 9,8	—1	+2	1780	57 3,1959	52 30,308
							1781	57 6,2658	52 50,216
Apr. 10	—0,535	+15,4	— 4,99	— 6,7	—1	+2	1782	57 9,3358	53 10,124
20	—0,359	+19,8	— 5,49	— 3,2	—2	+1	1783	57 12,4060	53 30,031
30	—0,139	+23,9	— 5,62	+ 0,7	—2	+1	1784	57 15,4764	53 49,939
Mai. 10	+0,119	+27,5	— 5,35	+ 4,7	—2	0	1785	57 18,5470	54 9,847
20	+0,410	+30,4	— 4,69	+ 8,5	—3	0	1786	57 21,6178	54 29,755
							1787	57 24,6887	54 49,662
30	+0,727	+32,6	— 3,65	+12,2	—3	—1	1788	57 27,7598	55 9,570
Jun. 9	+1,061	+33,9	— 2,25	+15,6	—3	—1	1789	57 30,8310	55 29,478
19	+1,404	+34,3	— 0,53	+18,5	—2	—2	1790	57 33,9025	55 49,385
29	+1,746	+33,7	+ 1,45	+20,9	—2	—2			
Jul. 9	+2,078	+32,3	+ 3,65	+22,9	—2	—2			
19	+2,392	+30,2	+ 6,02	+24,2	—2	—3			
29	+2,681	+27,3	+ 8,48	+24,9	—1	—3			
Aug. 8	+2,937	+23,8	+10,99	+25,1	—1	—3			
18	+3,157	+22,0	+13,49	+24,7	0	—3			
28	+3,337	+16,0	+15,93	+23,9	0	—3			
Sept. 7	+3,476	+11,9	+18,26	+22,6	+1	—3			
17	+3,574	+ 7,8	+20,45	+21,0	+2	—2			
27	+3,631	+ 3,9	+22,45	+19,0	+2	—2			
Oct. 7	+3,651	+ 0,4	+24,24	+16,7	+3	—2			
17	+3,638	— 2,9	+25,79	+14,2	+3	—1			
27	+3,593	— 5,8	+27,08	+11,6	+4	—1			
Nov. 6	+3,523	— 8,1	+28,10	+ 8,7	+4	0			
16	+3,432	—10,0	+28,81	+ 5,7	+5	0			
26	+3,323	—11,5	+29,23	+ 2,7	+5	+1			
Dec. 6	+3,202	—12,6	+29,34	— 0,5	+5	+1			
16	+3,071	—13,4	+29,13	— 3,7	+5	+1			
26	+2,935	—13,6	+28,61	— 6,7	+5	+2			
36	+2,800	—13,4	+27,80	— 9,4	+5	+2			

Diei reducto addendum est:

ante / post } Mart. 19 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *a Ursae minoris.*

						☉ + ☊	☽
		h ′ ″	″	° ′ ″	″		
1770	Jan. 0	0 46 32,82	+ 1,45	88 4 42,17	− 0,35	480	861
	Apr. 10	34,27	+ 1,36	41,82	− 0,39		
	Jul. 19	35,63	+ 1,27	41,43	− 0,44		
	Oct. 27	36,90	+ 1,17	40,99	− 0,48		
	Dec. 66	38,07		40,51			
1771	Jan. 0	0 46 48,87	+ 1,10	88 5 0,33	− 0,52	426	229
	Apr. 10	49,97	+ 0,97	4 59,81	− 0,54		
	Jul. 19	50,94	+ 0,84	59,27	− 0,57		
	Oct. 27	51,78	+ 0,71	58,70	− 0,59		
	Dec. 66	52,49		58,11			
1772	Jan. 1	0 47 3,51	+ 0,61	88 5 17,97	− 0,62	373	597
	Apr. 10	4,12	+ 0,45	17,35	− 0,62		
	Jul. 19	4,57	+ 0,31	16,73	− 0,64		
	Oct. 27	4,88	+ 0,15	16,59	− 0,64		
	Dec. 66	5,03		16,45			
1773	Jan. 0	0 47 16,29	+ 0,05	88 5 35,32	− 0,65	319	966
	Apr. 10	16,34	− 0,12	34,67	− 0,63		
	Jul. 19	16,22	− 0,27	34,04	− 0,63		
	Oct. 27	15,95	− 0,42	33,41	− 0,61		
	Dec. 66	15,52		32,80			
1774	Jan. 0	0 47 27,03	− 0,54	88 5 52,65	− 0,60	265	33
	Apr. 10	26,49	− 0,68	52,05	− 0,56		
	Jul. 19	25,81	− 0,82	51,49	− 0,54		
	Oct. 27	24,99	− 0,96	50,95	− 0,51		
	Dec. 66	24,03		50,44			
1775	Jan. 0	0 47 35,78	− 1,06	88 6 10,25	− 0,48	211	70
	Apr. 10	34,72	− 1,16	9,77	− 0,43		
	Jul. 19	33,56	− 1,27	9,34	− 0,38		
	Oct. 27	32,29	− 1,38	8,96	− 0,34		
	Dec. 66	30,91		8,62			
1776	Jan. 1	0 47 42,85	− 1,44	88 6 28,37	− 0,31	158	07
	Apr. 10	41,41	− 1,50	28,06	− 0,24		
	Jul. 19	39,91	− 1,57	27,82	− 0,19		
	Oct. 27	38,34	− 1,63	27,63	− 0,13		
	Dec. 66	36,71		27,50			
1777	Jan. 0	0 47 48,79	− 1,66	88 6 47,17	− 0,10	104	43
	Apr. 10	47,13	− 1,67	47,07	− 0,03		
	Jul. 19	45,46	− 1,68	47,04	+ 0,02		
	Oct. 27	43,78	− 1,69	47,06	+ 0,09		
	Dec. 66	42,09		47,15			
1778	Jan. 0	0 47 54,24	− 1,68	88 7 6,75	+ 0,12	050	80
	Apr. 10	52,56	− 1,64	6,87	+ 0,17		
	Jul. 19	50,92	− 1,60	7,04	+ 0,23		
	Oct. 27	49,32	− 1,56	7,27	+ 0,29		
	Dec. 66	47,76		7,56			
1779	Jan. 0	0 47 59,91	− 1,49	88 7 27,08	+ 0,32	997	17
	Apr. 10	58,42	− 1,43	27,40	+ 0,37		
	Jul. 19	56,99	− 1,35	27,77	+ 0,41		
	Oct. 27	55,64	− 1,27	28,18	+ 0,44		
	Dec. 66	54,37		28,62			

Tabulae X. Sect. II. *α Ursae minoris.*

		α		δ		$\odot + \Omega$	$\mathfrak{D}$
		^{h} $'$ $''$	$''$	$^\circ$ $'$ $''$	$''$		
1780	Jan. 1	0 48 6,48		88 7 48,09		943	544
	Apr. 10	5,29	− 1,19	48,57	+ 0,48		
	Jul. 19	4,23	− 1,06	49,08	+ 0,51		
	Oct. 27	3,29	− 0,94	49,61	+ 0,53		
	Dec. 66	2,47	− 0,82	50,17	+ 0,56		
1781	Jan. 0	0 48 14,48		88 8 9,60		889	912
	Apr. 10	13,76	− 0,72	10,18	+ 0,58		
	Jul. 19	13,17	− 0,59	10,77	+ 0,59		
	Oct. 27	12,73	− 0,44	11,37	+ 0,60		
	Dec. 66	12,43	− 0,30	11,98	+ 0,61		
1782	Jan. 0	0 48 24,33		88 8 31,39		835	280
	Apr. 10	24,13	− 0,20	32,01	+ 0,62		
	Jul. 19	24,09	− 0,04	32,62	+ 0,61		
	Oct. 27	24,19	+ 0,10	33,22	+ 0,60		
	Dec. 66	24,45	+ 0,26	33,83	+ 0,61		
1783	Jan. 0	0 48 36,22		88 8 53,24		782	648
	Apr. 10	36,58	+ 0,36	53,83	+ 0,59		
	Jul. 19	37,08	+ 0,50	54,39	+ 0,56		
	Oct. 27	37,72	+ 0,64	54,94	+ 0,55		
	Dec. 66	38,50	+ 0,78	55,46	+ 0,52		
1784	Jan. 1	0 48 50,17		88 9 14,90		728	017
	Apr. 10	51,04	+ 0,87	15,40	+ 0,50		
	Jul. 19	52,04	+ 1,00	15,86	+ 0,46		
	Oct. 27	53,16	+ 1,12	16,29	+ 0,43		
	Dec. 66	54,40	+ 1,24	16,68	+ 0,39		
1785	Jan. 0	0 49 5,97		88 9 36,16		674	385
	Apr. 10	7,28	+ 1,31	36,51	+ 0,35		
	Jul. 19	8,67	+ 1,39	36,82	+ 0,31		
	Oct. 27	10,15	+ 1,48	37,08	+ 0,26		
	Dec. 66	11,72	+ 1,57	37,29	+ 0,21		
1786	Jan. 0	0 49 23,25		88 9 56,83		620	753
	Apr. 10	24,85	+ 1,60	57,00	+ 0,17		
	Jul. 19	26,50	+ 1,65	57,12	+ 0,12		
	Oct. 27	28,18	+ 1,68	57,18	+ 0,06		
	Dec. 66	29,90	+ 1,72	57,19	+ 0,01		
1787	Jan. 0	0 49 41,45		88 10 16,79		567	121
	Apr. 10	43,18	+ 1,73	16,75	− 0,04		
	Jul. 19	44,90	+ 1,72	16,66	− 0,09		
	Oct. 27	46,60	+ 1,70	16,52	− 0,14		
	Dec. 66	48,29	+ 1,69	16,31	− 0,21		
1788	Jan. 1	0 49 59,91		88 10 35,98		513	490
	Apr. 10	50 1,58	+ 1,67	35,73	− 0,25		
	Jul. 19	3,17	+ 1,59	35,44	− 0,29		
	Oct. 27	4,69	+ 1,52	35,10	− 0,34		
	Dec. 66	6,14	+ 1,45	34,71	− 0,39		
1789	Jan. 0	0 50 17,93		88 10 54,43		459	858
	Apr. 10	19,33	+ 1,40	54,00	− 0,43		
	Jul. 19	20,61	+ 1,28	53,54	− 0,46		
	Oct. 27	21.78	+ 1,17	53,03	− 0,51		
	Dec. 66	22,83	+ 1,05	52,49	− 0,54		

Tabulae X. Sect. II. *α Ursae minoris.*

	Corr. A. R. pro 1780		Variatio annua		Corr. Decl. pro 1780		Variatio annua		Mot. Arg ⊙+☊	☽
	″	″	″		″	″	″			
Jan. 0	+ 3,73	−6,56	+0,0464	−187	+20,15	+0,47	−0,0013	+29	000	00
10	− 2,83	−6,55	+0,0277	−197	+20,62	−0,19	+0,0016	+29	026	36
20	− 9,38	−6,31	+0,0080	−203	+20,43	−0,82	+0,0045	+28	052	73
30	−15,69	−5,81	−0,0123	−197	+19,61	−1,43	+0,0073	+25	078	09
Febr. 9	−21,50	−5,10	−0,0320	−186	+18,18	−1,96	+0,0098	+22	103	46
19	−26,60	−4,18	−0,0506	−165	+16,22	−2,42	+0,0120	+18	129	82
Mart. 1	−30,78	−3,10	−0,0671	−141	+13,80	−2,76	+0,0138	+13	155	19
11	−33,88	−1,91	−0,0812	−110	+11,04	−2,98	+0,0151	+ 8	181	55
21	−35,79	−0,66	−0,0922	− 74	+ 8,06	−3,09	+0,0159	+ 3	207	92
31	−36,45	+0,60	−0,0996	− 37	+ 4,97	−3,07	+0,0162	− 3	233	28
Apr. 10	−35,85	+1,82	−0,1033	0	+ 1,90	−2,93	+0,0159	− 8	258	65
20	−34,03	+2,95	−0,1033	+ 39	− 1,03	−2,68	+0,0151	−13	284	01
30	−31,08	+3,98	−0,0994	+ 72	− 3,71	−2,34	+0,0138	−18	310	38
Maj. 10	−27,10	+4,85	−0,0921	+106	− 6,05	−1,91	+0,0120	−21	336	74
20	−22,25	+5,55	−0,0815	+135	− 7,96	−1,43	+0,0099	−23	362	11
30	−16,70	+6,08	−0,0680	+158	− 9,39	−0,91	+0,0076	−26	388	47
Jun. 9	−10,62	+6,42	−0,0522	+176	−10,30	−0,36	+0,0050	−27	413	84
19	− 4,20	+6,59	−0,0345	+193	−10,66	+0,20	+0,0023	−28	439	20
29	+ 2,39	+6,58	−0,0153	+201	−10,46	+0,74	−0,0005	−27	465	57
Jul. 9	+ 8,97	+6,41	+0,0048	+205	− 9,72	+1,28	−0,0032	−28	491	93
19	+15,38	+6,09	+0,0253	+205	− 8,44	+1,78	−0,0060	−26	517	30
29	+21,47	+5,65	+0,0458	+200	− 6,66	+2,24	−0,0086	−23	543	66
Aug. 8	+27,12	+5,08	+0,0658	+191	− 4,42	+2,66	−0,0109	−22	568	02
18	+32,20	+4,42	+0,0849	+179	− 1,76	+3,01	−0,0131	−19	594	39
28	+36,62	+3,66	+0,1028	+163	+ 1,25	+3,30	−0,0150	−16	620	76
Sept. 7	+40,28	+2,82	+0,1191	+143	+ 4,55	+3,55	−0,0166	−12	646	12
17	+43,10	+1,93	+0,1334	+120	+ 8,10	+3,70	−0,0178	− 8	672	49
27	+45,03	+0,97	+0,1454	+ 96	+11,80	+3,80	−0,0186	− 4	698	85
Oct. 7	+46,00	−0,01	+0,1548	+ 65	+15,60	+3,80	−0,0190	+ 1	723	23
17	+45,99	−1,02	+0,1613	+ 36	+19,40	+3,73	−0,0189	+ 5	749	58
27	+44,97	−2,03	+0,1649	+ 3	+23,13	+3,58	−0,0184	+ 9	775	95
Nov. 6	+42,94	−3,02	+0,1652	− 32	+26,71	+3,32	−0,0175	+14	801	31
16	+39,92	−3,95	+0,1620	− 65	+30,03	+2,99	−0,0161	+18	827	68
26	+35,97	−4,80	+0,1555	− 97	+33,02	+2,57	−0,0143	+22	853	04
Dec. 6	+31,17	−5,52	+0,1458	−128	+35,59	+2,06	−0,0121	+25	879	41
16	+25,65	−6,09	+0,1330	−155	+37,65	+1,49	−0,0096	+28	904	77
26	+19,56	−6,45	+0,1175	−176	+39,14	+0,88	−0,0068	+28	930	14
36	+13,11		+0,0999		+40,02		−0,0040		956	50

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori { ante / post } Apr. 2 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Oct. 6 { + 1,5 / + 2,5 }

Tabulae X. Sect. II. *a Ursae minoris.*

Motus Arg.		
Dies	☉+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ☉+☊		
Arg.	A. R.	Arg.
000	—0″,02 +	500
010	—0,02 +	510
020	—0,01 +	520
030	—0,01 +	530
040	—0,01 +	540
050	—0,01 +	550
060	0,00	560
070	0,00	570
080	0,00	580
090	+0,01 —	590
100	+0,01 —	600
110	+0,01 —	610
120	+0,02 —	620
130	+0,02 —	630
140	+0,02 —	640
150	+0,02 —	650
160	+0,03 —	660
170	+0,03 —	670
180	+0,03 —	680
190	+0,03 —	690
200	+0,03 —	700
210	+0,04 —	710
220	+0,04 —	720
230	+0,04 —	730
240	+0,04 —	740
250	+0,04 —	750
260	+0,04 —	760
270	+0,04 —	770
280	+0,05 —	780
290	+0,05 —	790
300	+0,05 —	800
310	+0,05 —	810
320	+0,05 —	820
330	+0,05 —	830
340	+0,05 —	840
350	+0,04 —	850
360	+0,04 —	860
370	+0,04 —	870
380	+0,04 —	880
390	+0,04 —	890
400	+0,04 —	900
410	+0,04 —	910
420	+0,04 —	920
430	+0,03 —	930
440	+0,03 —	940
450	+0,03 —	950
460	+0,03 —	960
470	+0,03 —	970
480	+0,02 —	980
490	+0,02 —	990

Arg. ☽			
Arg.	Arg.	A. R.	Decl.
000	500	—0″,17	+0″,02
010	510	—0,18	+0,01
020	520	—0,18	0,00
030	530	—0,18	—0,01
040	540	—0,17	—0,02
050	550	—0,17	—0,03
060	560	—0,16	—0,04
070	570	—0,15	—0,05
080	580	—0,13	—0,06
090	590	—0,12	—0,06
100	600	—0,10	—0,07
110	610	—0,08	—0,07
120	620	—0,06	—0,08
130	630	—0,04	—0,08
140	640	—0,01	—0,08
150	650	+0,01	—0,08
160	660	+0,03	—0,08
170	670	+0,05	—0,08
180	680	+0,07	—0,07
190	690	+0,09	—0,07
200	700	+0,11	—0,06
210	710	+0,13	—0,05
220	720	+0,14	—0,05
230	730	+0,15	—0,04
240	740	+0,16	—0,03
250	750	+0,17	—0,02
260	760	+0,18	—0,01
270	770	+0,18	0,00
280	780	+0,18	+0,01
290	790	+0,17	+0,02
300	800	+0,17	+0,03
310	810	+0,16	+0,04
320	820	+0,15	+0,05
330	830	+0,13	+0,06
340	840	+0,12	+0,06
350	850	+0,10	+0,07
360	860	+0,08	+0,07
370	870	+0,06	+0,08
380	880	+0,04	+0,08
390	890	+0,01	+0,08
400	900	—0,01	+0,08
410	910	—0,03	+0,08
420	920	—0,05	+0,08
430	930	—0,07	+0,07
440	940	—0,09	+0,07
450	950	—0,11	+0,06
460	960	—0,13	+0,05
470	970	—0,14	+0,05
480	980	—0,15	+0,04
490	990	—0,16	+0,03

Tabulae X. Sect. II. *α Ursae minoris.*

	A. R. med.		Decl. med.	
	^{h} $'$ $''$	+	$^\circ$ $'$ $''$	+
1770	0 46 24,441	11,185	88 4 36,346	19,655
1771	46 35,626	11,239	4 56,001	19,652
1772	46 46,865	11,295	5 15,653	19,649
1773	46 58,160	11,351	5 35,302	19,645
1774	47 9,511	11,407	5 54,947	19,642
1775	47 20,918	11,464	6 14,589	19,638
1776	47 32,382	11,522	6 34,227	19,635
1777	47 43,904	11,579	6 53,862	19,631
1778	47 55,483	11,638	7 13,493	19,627
1779	48 7,121	11,696	7 33,120	19,624
1780	48 18,817	11,756	7 52,744	19,620
1781	48 30,573	11,815	8 12,364	19,616
1782	48 42,388	11,877	8 31,980	19,612
1783	48 54,265	11,937	8 51,592	19,609
1784	49 6,202	11,999	9 11,201	19,605
1785	49 18,201	12,060	9 30,806	19,601
1786	49 30,261	12,124	9 50,407	19,597
1787	49 42,385	12,186	10 10,004	19,593
1788	49 54,571	12,251	10 29,597	19,589
1789	50 6,822	12,314	10 49,186	19,586
1790	50 19,136		11 8,772	

Tabulae X. Sectio tertia.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque* α *Ursae minoris,*

ab Anno 1790 usque ad Annum 1810.

Tabulae X. Sect. III. *γ Pegasi.*

		h ′ ″	° ′ ″		h ′ ″	° ′ ″
1790	Jan. 0	0 2 27,216	+ 14 1 0,19	1800	Jan. 0	0 2 56,437	+ 14 4 12,
	Apr. 10	27,157	0 59,74		Apr. 10	56,511	12,
	Jul. 19	27,092	59,25		Jul. 19	56,589	13,
	Oct. 27	27,021	58,73		Oct. 27	56,671	13,
	Dec. 66	26,943	58,17		Dec. 66	56,757	14,
1791	Jan. 0	0 2 30,045	+ 14 1 18,39	1801	Jan. 0	0 2 59,805	+ 14 4 34,
	Apr. 10	29,963	17,82		Apr. 10	59,893	34,
	Jul. 19	29,877	17,23		Jul. 19	59,983	35,
	Oct. 27	29,787	16,62		Oct. 27	3 0,075	35,
	Dec. 66	29,694	15,99		Dec. 66	0,168	36,
1792	Jan. 1	0 2 32,801	+ 14 1 36,23	1802	Jan. 0	0 3 3,214	+ 14 4 56,
	Apr. 10	32,705	35,60		Apr. 10	3,308	57,
	Jul. 19	32,609	34,97		Jul. 19	3,400	57,
	Oct. 27	32,512	34,35		Oct. 27	3,492	58,
	Dec. 66	32,414	33,73		Dec. 66	3,583	58,
1793	Jan. 0	0 2 35,522	+ 14 1 53,96	1803	Jan. 0	0 3 6,630	+ 14 5 18.
	Apr. 10	35,424	53,35		Apr. 10	6,719	19.
	Jul. 19	35,329	52,77		Jul. 19	6,805	19.
	Oct. 27	35,236	52,20		Oct. 27	6,887	20.
	Dec. 66	35,145	51,66		Dec. 66	6,965	20.
1794	Jan. 0	0 2 38,251	+ 14 2 11,87	1804	Jan. 1	0 3 10,016	+ 14 5 40.
	Apr. 10	38,163	11,35		Apr. 10	10,091	40
	Jul. 19	38,080	10,88		Jul. 19	10,160	41.
	Oct. 27	38,002	10,44		Oct. 27	10,223	41
	Dec. 66	37,929	10,05		Dec. 66	10,281	41
1795	Jan. 0	0 2 41,029	+ 14 2 30,20	1805	Jan. 0	0 3 13,339	+ 14 6 1
	Apr. 10	40,961	29,84		Apr. 10	13,392	2
	Jul. 19	40,900	29,53		Jul. 19	13,437	2
	Oct. 27	40,846	29,27		Oct. 27	13,474	2
	Dec. 66	40,800	29,06		Dec. 66	13,503	2
1796	Jan. 1	0 2 43,891	+ 14 2 49,16	1806	Jan. 0	0 3 16,572	+ 14 6 22
	Apr. 10	43,850	48,99		Apr. 10	16,595	22
	Jul. 19	43,818	48,88		Jul. 19	16,610	22
	Oct. 27	43,794	48,82		Oct. 27	16,616	22
	Dec. 66	43,779	48,82		Dec. 66	16,614	22
1797	Jan. 0	0 2 46,859	+ 14 3 8,85	1807	Jan. 0	0 3 19,693	+ 14 6 42
	Apr. 10	46,850	8,89		Apr. 10	19,684	42
	Jul. 19	46,849	8,98		Jul. 19	19,667	42
	Oct. 27	46,857	9,13		Oct. 27	19,640	41
	Dec. 66	46,874	9,34		Dec. 66	19,605	41
1798	Jan. 0	0 2 49,944	+ 14 3 29,29	1808	Jan. 1	0 3 22,695	+ 14 7 1
	Apr. 10	49,967	29,53		Apr. 10	22,654	1
	Jul. 19	49,997	29,82		Jul. 19	22,606	0
	Oct. 27	50,036	30,15		Oct. 27	22,550	0
	Dec. 66	50,082	30,53		Dec. 66	22,486	6 59
1799	Jan. 0	0 2 53,142	+ 14 3 50,43	1809	Jan. 0	0 3 25,586	+ 14 7 20
	Apr. 10	53,193	50,84		Apr. 10	25,517	19
	Jul. 19	53,251	51,28		Jul. 19	25,443	19
	Oct. 27	53,314	51,76		Oct. 27	25,364	18
	Dec. 66	53,384	52,27		Dec. 66	25,279	17

Tabulae X. Sect. III. *γ Pegasi.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	−0,158	−11,3	+ 3,73	− 7,8	+3	+2	1790	0 2 26,3534	+ 14 0 55,310
10	−0,271	−11,0	+ 2,90	− 8,9	+3	+2	1791	2 29,4290	1 15,342
20	−0,377	−10,2	+ 1,96	− 9,8	+3	+2	1792	2 32,5048	1 35,374
30	−0,474	− 8,9	+ 0,95	−10,2	+2	+2	1793	2 35,5807	1 55,406
r. 9	−0,555	− 7,1	− 0,08	−10,2	+2	+2	1794	2 38,6566	2 15,438
							1795	2 41,7326	2 35,469
19	−0,615	− 4,8	− 1,08	− 9,7	+2	+2	1796	2 44,8087	2 55,501
t. 1	−0,650	− 1,9	− 2,01	− 8,6	+1	+2	1797	2 47,8849	3 15,532
11	−0,653	+ 1,5	− 2,80	− 7,0	0	+2	1798	2 50,9612	3 35,564
21	−0,621	+ 5,2	− 3,40	− 4,9	0	+1	1799	2 54,0376	3 55,595
31	−0,549	+ 9,3	− 3,77	− 2,3	−1	+1	1800	2 57,1143	4 15,626
							1801	3 0,1909	4 35,657
10	−0,436	+13,4	− 3,86	+ 0,6	−1	+1	1802	3 3,2676	4 55,688
20	−0,281	+17,5	− 3,66	+ 3,7	−2	0	1803	3 6,3444	5 15,718
30	−0,086	+21,4	− 3,13	+ 6,9	−2	0	1804	3 9,4213	5 35,749
10	+0,146	+24,9	− 2,29	+ 9,9	−2	−1	1805	3 12,4983	5 55,779
20	+0,411	+27,8	− 1,15	+12,9	−2	−1	1806	3 15,5754	6 15,810
							1807	3 18,6526	6 35,840
30	+0,702	+30,1	+ 0,28	+15,6	−2	−1	1808	3 21,7299	6 55,870
9	+1,012	+31,5	+ 1,96	+17,8	−3	−2	1809	3 24,8073	7 15,900
19	+1,332	+32,1	+ 3,83	+19,5	−2	−2	1810	3 27,8849	7 35,929
29	+1,654	+32,0	+ 5,86	+20,8	−2	−2			
9	+1,971	+30,9	+ 7,99	+21,6	−2	−2			
19	+2,272	+29,1	+10,17	+21,7	−2	−2			
29	+2,552	+26,6	+12,33	+21,3	−2	−2			
8	+2,804	+23,5	+14,43	+20,5	−1	−2			
18	+3,022	+20,0	+16,43	+19,2	−1	−2			
28	+3,204	+16,3	+18,27	+17,6	0	−2			
7	+3,348	+12,5	+19,95	+15,8	0	−2			
17	+3,453	+ 8,7	+21,42	+13,6	+1	−1			
27	+3,521	+ 5,0	+22,67	+11,4	+1	−1			
7	+3,552	+ 1,6	+23,70	+ 9,2	+2	−1			
7	+3,552	− 1,4	+24,50	+ 6,9	+2	0			
27	+3,524	− 4,1	+25,07	+ 4,7	+3	0			
6	+3,471	− 6,3	+25,44	+ 2,6	+3	0			
6	+3,398	− 8,1	+25,58	+ 0,4	+4	+1			
6	+3,310	− 9,4	+25,52	− 1,6	+4	+1			
6	+3,210	−10,4	+25,27	− 3,5	+4	+1			
6	+3,102	−11,1	+24,83	− 5,3	+4	+1			
6	+2,989	−11,4	+24,22	− 6,9	+4	+2			
6	+2,875	−11,5	+23,46	− 8,4	+4	+2			

Diei reducto addendum est:

ante / post } Mart. 21 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	1 55 23,237	+22 27 42,11	1800	Jan. 0	1 55 54,988	+22 30 35,3
	Apr. 10	23,177	41,44		Apr. 10	55,066	35,9
	Jul. 19	23,109	40,76		Jul. 19	55,148	36,6
	Oct. 27	23,034	40,08		Oct. 27	55,236	37,2
	Dec. 66	22,952	39,40		Dec. 66	55,328	37,8
1791	Jan. 0	1 55 26,330	+22 27 57,05	1801	Jan. 0	1 55 58,649	+22 30 55,0
	Apr. 10	26,243	56,37		Apr. 10	58,744	55,6
	Jul. 19	26,152	55,72		Jul. 19	58,841	56,2
	Oct. 27	26,055	55,08		Oct. 27	58,941	56,7
	Dec. 66	25,954	54,47		Dec. 66	59,043	57,2
1792	Jan. 1	1 55 29,338	+22 28 12,09	1802	Jan. 0	1 56 2,360	+22 31 14,4
	Apr. 10	29,235	11,50		Apr. 10	2,462	14,9
	Jul. 19	29,130	10,95		Jul. 19	2,564	15,3
	Oct. 27	29,024	10,44		Oct. 27	2,665	15,7
	Dec. 66	28,917	9,97		Dec. 66	2,766	16,0
1793	Jan. 0	1 55 32,303	+22 28 27,54	1803	Jan. 0	1 56 6,085	+22 31 33,3
	Apr. 10	32,195	27,10		Apr. 10	6,184	33,6
	Jul. 19	32,090	26,72		Jul. 19	6,279	33,8
	Oct. 27	31,987	26,39		Oct. 27	6,371	34,0
	Dec. 66	31,886	26,12		Dec. 66	6,460	34,1
1794	Jan. 0	1 55 35,270	+22 28 43,62	1804	Jan. 1	1 56 9,783	+22 31 51,5
	Apr. 10	35,171	43,39		Apr. 10	9,868	51,6
	Jul. 19	35,078	43,22		Jul. 19	9,947	51,6
	Oct. 27	34,990	43,12		Oct. 27	10,020	51,6
	Dec. 66	34,907	43,08		Dec. 66	10,086	51,5
1795	Jan. 0	1 55 38,285	+22 29 0,50	1805	Jan. 0	1 56 13,417	+22 32 8,5
	Apr. 10	38,207	0,50		Apr. 10	13,479	8,5
	Jul. 19	38,136	0,56		Jul. 19	13,532	8,6
	Oct. 27	38,073	0,69		Oct. 27	13,577	8,5
	Dec. 66	38,018	0,88		Dec. 66	13,614	8,6
1796	Jan. 1	1 55 41,386	+22 29 18,22	1806	Jan. 0	1 56 16,955	+22 32 25,5
	Apr. 10	41,337	18,45		Apr. 10	16,986	25,5
	Jul. 19	41,297	18,73		Jul. 19	17,007	24,8
	Oct. 27	41,266	19,07		Oct. 27	17,019	24,3
	Dec. 66	41,245	19,47		Dec. 66	17,021	23,8
1797	Jan. 0	1 55 44,602	+22 29 36,73	1807	Jan. 0	1 56 20,374	+22 32 41,4
	Apr. 10	44,587	37,15		Apr. 10	20,369	40,9
	Jul. 19	44,581	37,63		Jul. 19	20,355	40,3
	Oct. 27	44,585	38,13		Oct. 27	20,331	39,7
	Dec. 66	44,599	38,69		Dec. 66	20,297	39,2
1798	Jan. 0	1 55 47,944	+22 29 55,91	1808	Jan. 1	1 56 23,663	+22 32 56,7
	Apr. 10	47,964	56,48		Apr. 10	23,623	56,2
	Jul. 19	47,993	57,07		Jul. 19	23,574	55,7
	Oct. 27	48,030	57,69		Oct. 27	23,517	54,9
	Dec. 66	48,076	58,33		Dec. 66	23,451	54,2
1799	Jan. 0	1 55 51,411	+22 30 15,52	1809	Jan. 0	1 56 26,827	+22 33 11,1
	Apr. 10	51,463	16,17		Apr. 10	26,756	11,0
	Jul. 19	51,522	16,82		Jul. 19	26,678	10,8
	Oct. 27	51,588	17,48		Oct. 27	26,594	9,7
	Dec. 66	51,661	18,14		Dec. 66	26,503	9,2

Tabulae X. Sect. III. *α Arietis.*

1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
							h ′ ″	° ′ ″
0	+0″,545	—10,6	+ 5″,90	— 2,3	+4	+1	1790 1 55 22,2630	+22 27 40,749
10	+0,429	—12,5	+ 5,58	— 4,1	+4	+1	1791 55 25,6126	27 58,170
20	+0,296	—13,9	+ 5,09	— 5,7	+4	+1	1792 55 28,9624	28 15,588
30	+0,152	—14,6	+ 4,45	— 7,1	+4	+2	1793 55 32,3124	28 33,003
9	+0,005	—14,6	+ 3,68	— 8,2	+3	+2	1794 55 35,6626	28 50,417
							1795 55 39,0131	29 7,828
19	—0,139	—13,8	+ 2,82	— 8,9	+3	+2	1796 55 42,3637	29 25,236
1	—0,270	—12,0	+ 1,90	— 9,3	+3	+2	1797 55 45,7145	29 42,642
11	—0,379	— 9,5	+ 0,96	— 9,2	+2	+2	1798 55 49,0655	30 0,046
21	—0,459	— 6,1	+ 0,07	— 8,5	+2	+2	1799 55 52,4167	30 17,447
31	—0,501	— 2,1	— 0,74	— 7,4	+1	+2	1800 55 55,7682	30 34,846
							1801 55 59,1198	30 52,243
10	—0,500	+ 2,5	— 1,40	— 5,7	0	+2	1802 56 2,4716	31 9,637
20	—0,452	+ 7,3	— 1,87	— 3,6	0	+1	1803 56 5,8236	31 27,028
30	—0,355	+12,1	— 2,11	— 1,1	—1	+1	1804 56 9,1758	31 44,418
0	—0,210	+16,8	— 2,09	+ 1,6	—1	0	1805 56 12,5283	32 1,805
0	—0,019	+21,3	— 1,80	+ 4,3	—1	0	1806 56 15,8809	32 19,189
							1807 56 19,2337	32 36,571
0	+0,215	+25,2	— 1,23	+ 7,2	—2	—1	1808 56 22,5867	32 53,951
9	+0,484	+28,4	— 0,38	+ 9,8	—2	—1	1809 56 25,9399	33 11,328
9	+0,782	+30,8	+ 0,72	+12,2	—2	—2	1810 56 29,2935	33 28,703
9	+1,100	+32,4	+ 2,05	+14,3	—2	—2		
9	+1,430	+33,2	+ 3,57	+16,0	—2	—2		
9	+1,764	+33,2	+ 5,24	+17,2	—2	—3		
9	+2,094	+32,4	+ 7,01	+18,0	—2	—3		
8	+2,412	+30,9	+ 8,84	+18,4	—2	—4		
8	+2,712	+28,9	+10,68	+18,3	—2	—4		
8	+2,989	+26,4	+12,49	+17,7	—1	—4		
7	+3,239	+23,5	+14,22	+16,8	—1	—4		
7	+3,459	+20,5	+15,85	+15,7	0	—4		
7	+3,648	+17,3	+17,36	+14,3	0	—4		
7	+3,805	+14,1	+18,71	+12,8	+1	—4		
7	+3,929	+10,9	+19,91	+11,1	+2	—4		
7	+4,022	+ 7,8	+20,93	+ 9,4	+2	—4		
6	+4,084	+ 4,7	+21,78	+ 7,7	+3	—4		
6	+4,116	+ 1,7	+22,46	+ 5,9	+4	—3		
6	+4,118	— 1,2	+22,96	+ 4,2	+4	—3		
6	+4,092	— 4,0	+23,29	+ 2,4	+5	—3		
6	+4,038	— 6,7	+23,44	+ 0,6	+5	—2		
6	+3,958	— 9,2	+23,40	— 1,3	+5	—2		
6	+3,855	—11,3	+23,19	— 3,0	+6	—2		

Diei reducto addendum est:

ante / post } Apr. 20 { +1 / +2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Ceti.*

		h $'$ $''$	$°$ $'$ $''$			h $'$ $''$	$°$ $'$ $''$
1790	Jan. 0	2 51 19,950	+ 3 15 20,97	1800	Jan. 0	2 51 49,781	+ 3 17 4 8
	Apr. 10	19,883	20,24		Apr. 10	49,862	5 5
	Jul. 19	19,808	19,53		Jul. 19	49,946	5 5
	Oct. 27	19,730	18,83		Oct. 27	50,033	5 9
	Dec. 66	19,644	18,15		Dec. 66	50,124	5 6
1791	Jan. 0	2 51 22,793	+ 3 15 32,96	1801	Jan. 0	2 51 53,214	+ 3 18 1
	Apr. 10	22,704	32,30		Apr. 10	53,301	15
	Jul. 19	22,613	31,67		Jul. 19	53,389	4
	Oct. 27	22,519	31,07		Oct. 27	53,486	19
	Dec. 66	22,422	30,53		Dec. 66	53,583	19
1792	Jan. 1	2 51 25,574	+ 3 15 45,29	1802	Jan. 0	2 51 56,676	+ 3 18 2 1
	Apr. 10	25,476	44,77		Apr. 10	56,769	2 7
	Jul. 19	25,378	44,31		Jul. 19	56,861	2 7
	Oct. 27	25,280	43,90		Oct. 27	56,951	2 2
	Dec. 66	25,183	43,55		Dec. 66	57,038	2 10
1793	Jan. 0	2 51 28,335	+ 3 15 58,24	1803	Jan. 0	2 52 0,131	+ 3 18 2 9
	Apr. 10	28,239	57,93		Apr. 10	0,216	2 14
	Jul. 19	28,146	57,69		Jul. 19	0,297	2 18
	Oct. 27	28,057	57,52		Oct. 27	0,373	2 18
	Dec. 66	27,971	57,41		Dec. 66	0,445	2 10
1794	Jan. 0	2 51 31,119	+ 3 16 12,01	1804	Jan. 1	2 52 3,542	+ 3 18 1 5
	Apr. 10	31,036	11,96		Apr. 10	3,610	1 13
	Jul. 19	30,959	11,97		Jul. 19	3,672	1 17
	Oct. 27	30,888	12,04		Oct. 27	3,726	1 17
	Dec. 66	30,824	12,17		Dec. 66	3,774	1 12
1795	Jan. 0	2 51 33,965	+ 3 16 26,69	1805	Jan. 0	2 52 6,880	+ 3 19 [illegible]
	Apr. 10	33,905	26,88		Apr. 10	6,923	19
	Jul. 19	33,853	27,13		Jul. 19	6,958	16
	Oct. 27	33,809	27,43		Oct. 27	6,984	23
	Dec. 66	33,773	27,82		Dec. 66	7,003	25
1796	Jan. 1	2 51 36,905	+ 3 16 42,25	1806	Jan. 0	2 52 10,119	+ 3 19 1 5
	Apr. 10	36,875	42,67		Apr. 10	10,131	5
	Jul. 19	36,853	43,13		Jul. 19	10,135	3
	Oct. 27	36,841	43,64		Oct. 27	10,129	9
	Dec. 66	36,837	44,20		Dec. 66	10,115	8
1797	Jan. 0	2 51 39,958	+ 3 16 58,57	1807	Jan. 0	2 52 13,242	+ 3 19 5
	Apr. 10	39,960	59,16		Apr. 10	13,222	9
	Jul. 19	39,971	59,78		Jul. 19	13,193	2
	Oct. 27	39,991	17 0,42		Oct. 27	13,156	5
	Dec. 66	40,019	1,10		Dec. 66	13,110	8
1798	Jan. 0	2 51 43,129	+ 3 17 15,43	1808	Jan. 1	2 52 16,247	+ 3 19 6
	Apr. 10	43,163	16,12		Apr. 10	16,196	8
	Jul. 19	43,204	16,82		Jul. 19	16,138	1
	Oct. 27	43,253	17,53		Oct. 27	16,072	4
	Dec. 66	43,309	18,25		Dec. 66	15,999	7
1799	Jan. 0	2 51 46,410	+ 3 17 32,57	1809	Jan. 0	2 52 19,146	+ 3 19 4
	Apr. 10	46,471	33,28		Apr. 10	19,069	7
	Jul. 19	46,537	33,98		Jul. 19	18,988	1
	Oct. 27	46,609	34,67		Oct. 27	18,902	4
	Dec. 66	46,687	35,34		Dec. 66	18,811	7

Tabulae X. Sect. III. *a Ceti.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
0	+0,785	— 7,2	— 0,62	— 7,3	+3	+1	1790	2 51 19,1604	+ 3 15 21,528
10	+0,699	— 9,8	— 1,33	— 6,8	+3	+1	1791	51 22,2803	15 36,112
20	+0,589	—12,0	— 1,98	— 6,2	+3	+1	1792	51 25,4003	15 50,692
30	+0,459	—13,7	— 2,56	— 5,3	+3	+1	1793	51 28,5204	16 5,270
. 9	+0,316	—14,6	— 3,04	— 4,3	+3	+1	1794	51 31,6405	16 19,844
							1795	51 34,7606	16 34,416
19	+0,167	—14,8	— 3,42	— 3,2	+3	+1	1796	51 37,8809	16 48,984
c. 1	+0,020	—14,2	— 3,68	— 1,9	+3	+1	1797	51 41,0013	17 3,548
11	—0,116	—12,6	— 3,80	— 0,5	+2	+1	1798	51 44,1218	17 18,110
21	—0,231	—10,2	— 3,77	+ 1,2	+2	+1	1799	51 47,2424	17 32,669
31	—0,319	— 7,0	— 3,57	+ 3,0	+2	0	1800	51 50,3633	17 47,224
							1801	51 53,4841	18 1,776
10	—0,371	— 3,2	— 3,18	+ 5,0	+1	0	1802	51 56,6050	18 16,325
20	—0,383	+ 1,0	— 2,58	+ 7,0	+1	0	1803	51 59,7262	18 30,871
30	—0,351	+ 5,6	— 1,78	+ 9,0	0	—1	1804	52 2,8471	18 45,414
10	—0,272	+10,2	— 0,78	+11,1	0	—1	1805	52 5,9684	18 59,954
20	—0,148	+14,6	+ 0,44	+13,1	—1	—1	1806	52 9,0897	19 14,491
							1807	52 12,2111	19 29,024
30	+0,019	+18,7	+ 1,83	+14,7	—1	—2	1808	52 15,3326	19 43,554
n 9	+0,226	+22,4	+ 3,38	+16,2	—1	—2	1809	52 18,4542	19 58,081
9	+0,466	+25,4	+ 5,05	+17,1	—2	—2	1810	52 21,5759	20 12,605
29	+0,733	+27,8	+ 6,80	+17,7	—2	—3			
l. 9	+1,021	+29,4	+ 8,58	+17,8	—2	—3			
9	+1,321	+30,3	+10,35	+17,3	—2	—3			
9	+1,627	+30,6	+12,04	+16,4	—2	—3			
g 8	+1,932	+29,9	+13,62	+15,0	—2	—3			
8	+2,227	+28,8	+15,04	+13,2	—2	—3			
8	+2,510	+27,4	+16,25	+11,0	—2	—3			
pt 7	+2,775	+25,5	+17,23	+ 8,5	—2	—3			
7	+3,019	+23,2	+17,95	+ 5,9	—1	—3			
7	+3,238	+20,6	+18,41	+ 3,4	—1	—3			
t. 7	+3,431	+18,0	+18,62	+ 0,9	—1	—3			
7	+3,598	+15,3	+18,59	— 1,4	0	—3			
7	+3,736	+12,4	+18,35	— 3,4	0	—3			
ov 6	+3,845	+ 9,5	+17,92	— 5,0	+1	—3			
6	+3,925	+ 6,5	+17,36	— 6,3	+2	—3			
6	+3,975	+ 3,6	+16,67	— 7,2	+2	—3			
c. 6	+3,996	+ 0,6	+15,93	— 7,6	+3	—2			
6	+3,986	— 2,6	+15,16	— 7,7	+3	—2			
6	+3,945	— 5,5	+14,39	— 7,5	+3	—2			
6	+3,876	— 8,3	+13,66	— 7,1	+4	—2			

Diei reducto addendum est:

ante / post } Maj. 5 { +1 / +2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	4 23 54,183	+ 16 4 15,80	1800	Jan. 0	4 24 26,881	+ 16 5 44,
	Apr. 10	54,111	15,07		Apr. 10	26,968	45,
	Jul. 19	54,033	14,39		Jul. 19	27,058	45,
	Oct. 27	53,948	13,75		Oct. 27	27,153	46,
	Dec. 66	53,857	13,15		Dec. 66	27,251	46,
1791	Jan. 0	4 23 57,314	+ 16 4 21,34	1801	Jan. 0	4 24 30,645	+ 16 5 54.
	Apr. 10	57,219	20,78		Apr. 10	30,745	54.
	Jul. 19	57,121	20,28		Jul. 19	30,846	55,
	Oct. 27	57,019	19,84		Oct. 27	30,949	55.
	Dec. 66	56,913	19,46		Dec. 66	31,052	55
1792	Jan. 1	4 24 0,375	+ 16 4 27,57	1802	Jan. 0	4 24 34,445	+ 16 6 3
	Apr. 10	0,267	27,24		Apr. 10	34,548	3
	Jul. 19	0,160	26,98		Jul. 19	34,649	3
	Oct. 27	0,052	26,80		Oct. 27	34,748	3
	Dec. 66	23 59,945	26,69		Dec. 66	34,846	3
1793	Jan. 0	4 24 3,407	+ 16 4 34,70	1803	Jan. 0	4 24 38,241	+ 16 6 11
	Apr. 10	3,300	34,64		Apr. 10	38,336	11
	Jul. 19	3,197	34,66		Jul. 19	38,427	11
	Oct. 27	3,097	34,75		Oct. 27	38,513	10
	Dec. 66	3,001	34,92		Dec. 66	38,594	10
1794	Jan. 0	4 24 6,459	+ 16 4 42,83	1804	Jan. 1	4 24 41,995	+ 16 6 18
	Apr. 10	6,366	43,05		Apr. 10	42,072	18
	Jul. 19	6,279	43,34		Jul. 19	42,142	17
	Oct. 27	6,199	43,70		Oct. 27	42,305	17
	Dec. 66	6,125	44,12		Dec. 66	42,261	16
1795	Jan. 0	4 24 9,575	+ 16 4 51,94	1805	Jan. 0	4 24 45,671	+ 16 6 24
	Apr. 10	9,506	52,41		Apr. 10	45,721	2
	Jul. 19	9,446	52,93		Jul. 19	45,763	2
	Oct. 27	9,495	53,50		Oct. 27	45,796	2
	Dec. 66	9,352	54,13		Dec. 66	45,820	2
1796	Jan. 1	4 24 12,792	+ 16 5 1,89	1806	Jan. 0	4 24 49,240	+ 16 6 3
	Apr. 10	12,755	2,55		Apr. 10	49,258	2
	Jul. 19	12,728	3,24		Jul. 19	49,266	2
	Oct. 27	12,710	3,96		Oct. 27	49,264	2
	Dec. 66	12,702	4,72		Dec. 66	49,252	2
1797	Jan. 0	4 24 16,130	+ 16 5 12,43	1807	Jan. 0	4 24 52,685	+ 16 6 3
	Apr. 10	16,129	13,20		Apr. 10	52,666	3
	Jul. 19	16,137	13,98		Jul. 19	52,638	3
	Oct. 27	16,155	14,77		Oct. 27	52,601	3
	Dec. 66	16,182	15,56		Dec. 66	52,554	3
1798	Jan. 0	4 24 19,598	+ 16 5 23,25	1808	Jan. 1	4 24 55,999	+ 16 6 4
	Apr. 10	19,632	24,04		Apr. 10	55,946	3
	Jul. 19	19,674	24,82		Jul. 19	55,885	3
	Oct. 27	19,724	25,59		Oct. 27	55,816	3
	Dec. 66	19,782	26,34		Dec. 66	55,739	3
1799	Jan. 0	4 24 23,189	+ 16 5 34,04	1809	Jan. 0	4 24 59,193	+ 16 6 4
	Apr. 10	23,252	34,77		Apr. 10	59,111	4
	Jul. 19	23,322	35,46		Jul. 19	59,024	4
	Oct. 27	23,399	36,12		Oct. 27	58,931	4
	Dec. 66	23,482	36,74		Dec. 66	58,832	4

Tabulae X. Sect. III. *α Tauri.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	+1,210	− 0,5	+ 1,30	− 2,5	+2	−1	1790	4 23 53,2888	+ 16 4 19,399
10	+1,184	− 4,6	+ 1,05	− 2,5	+2	−1	1791	23 56,7148	4 27,391
20	+1,119	− 8,4	+ 0,80	− 2,5	+3	−1	1792	24 0,1409	4 35,378
30	+1,017	−11,8	+ 0,55	− 2,6	+3	0	1793	24 3,5672	4 43,361
.9	+0,884	−14,5	+ 0,29	− 2,6	+3	0	1794	24 6,9936	4 51,339
							1795	24 10,4201	4 59,312
19	+0,728	−16,3	+ 0,03	− 2,7	+3	0	1796	24 13,8467	5 7,281
.1	+0,558	−17,1	− 0,25	− 2,8	+4	0	1797	24 17,2734	5 15,245
11	+0,385	−17,0	− 0,52	− 2,7	+3	0	1798	24 20,7002	5 23,205
21	+0,218	−15,8	− 0,78	− 2,5	+3	0	1799	24 24,1271	5 31,160
31	+0,069	−13,6	− 1,02	− 2,1	+3	0	1800	24 27,5541	5 39,111
							1801	24 30,9812	5 47,057
10	−0,054	−10,5	− 1,19	− 1,4	+3	0	1802	24 34,4084	5 54,998
20	−0,141	− 6,7	− 1,30	− 0,6	+2	0	1803	24 37,8357	6 2,935
30	−0,188	− 2,4	− 1,30	+ 0,6	+2	0	1804	24 41,2632	6 10,867
0	−0,188	+ 2,3	− 1,19	+ 1,8	+1	0	1805	24 44,6908	6 18,795
0	−0,142	+ 7,0	− 0,94	+ 3,3	+1	0	1806	24 48,1185	6 26,718
							1807	24 51,5463	6 34,636
0	−0,049	+11,6	− 0,54	+ 4,8	0	0	1808	24 54,9742	6 42,550
9	+0,089	+15,9	+ 0,01	+ 6,2	0	−1	1809	24 58,4022	6 50,459
9	+0,269	+19,8	+ 0,69	+ 7,5	−1	−1	1810	25 1,8303	6 58,364
9	+0,485	+23,2	+ 1,51	+ 8,7	−1	−1			
9	+0,732	+26,0	+ 2,42	+ 9,6	−2	−2			
9	+1,004	+28,1	+ 3,42	+10,2	−2	−2			
9	+1,293	+29,5	+ 4,45	+10,3	−2	−3			
8	+1,594	+30,5	+ 5,48	+10,2	−2	−3			
8	+1,902	+30,8	+ 6,48	+ 9,7	−2	−3			
8	+2,209	+30,6	+ 7,41	+ 8,8	−2	−4			
7	+2,513	+30,0	+ 8,24	+ 7,7	−2	−4			
7	+2,809	+29,0	+ 8,94	+ 6,3	−2	−4			
7	+3,093	+27,7	+ 9,50	+ 4,9	−2	−5			
7	+3,363	+26,1	+ 9,91	+ 3,4	−2	−5			
7	+3,615	+24,3	+10,18	+ 2,0	−1	−5			
7	+3,848	+22,1	+10,31	+ 0,7	−1	−5			
7	+4,057	+19,6	+10,32	− 0,4	0	−5			
7	+4,239	+16,7	+10,24	− 1,2	0	−5			
7	+4,391	+13,6	+10,08	− 1,8	+1	−6			
7	+4,510	+10,0	+ 9,88	− 2,2	+2	−6			
7	+4,591	+ 6,1	+ 9,65	− 2,4	+2	−6			
7	+4,632	+ 2,1	+ 9,40	− 2,5	+3	−5			
7	+4,632	− 2,0	+ 9,15	− 2,5	+3	−5			

Diei reducto addendum est:

ante / post Maj. 29 + 1 / + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Aurigae.*

1790	Jan. 0	5	1	13,342	+45	45	47,24
	Apr. 10			13,254			46,55
	Jul. 19			13,157			45,91
	Oct. 27			13,052			45,33
	Dec. 66			12,938			44,79
1791	Jan. 0	5	1	17,384	+45	45	49,63
	Apr. 10			17,265			49,14
	Jul. 19			17,140			48,71
	Oct. 27			17,011			48,36
	Dec. 66			16,876			48,07
1792	Jan. 1	5	1	21,329	+45	45	52,81
	Apr. 10			21,192			52,57
	Jul. 19			21,054			52,41
	Oct. 27			20,915			52,33
	Dec. 66			20,776			52,32
1793	Jan. 0	5	1	25,230	+45	45	56,97
	Apr. 10			25,092			57,02
	Jul. 19			24,957			57,14
	Oct. 27			24,826			57,34
	Dec. 66			24,698			57,61
1794	Jan. 0	5	1	29,150	+45	46	2,16
	Apr. 10			29,027			2,48
	Jul. 19			28,911			2,87
	Oct. 27			28,804			3,33
	Dec. 66			28,704			3,85
1795	Jan. 0	5	1	33,145	+45	46	8,31
	Apr. 10			33,052			8,86
	Jul. 19			32,969			9,48
	Oct. 27			32,897			10,13
	Dec. 66			32,836			10,84
1796	Jan. 1	5	1	37,264	+45	46	15,23
	Apr. 10			37,211			15,96
	Jul. 19			37,170			16,71
	Oct. 27			37,141			17,49
	Dec. 66			37,125			18,29
1797	Jan. 0	5	1	41,537	+45	46	22,65
	Apr. 10			41,529			23,46
	Jul. 19			41,534			24,27
	Oct. 27			41,553			25,08
	Dec. 66			41,584			25,88
1798	Jan. 0	5	1	45,978	+45	46	30,23
	Apr. 10			46,015			31,03
	Jul. 19			46,063			31,81
	Oct. 27			46,122			32,56
	Dec. 66			46,193			33,28
1799	Jan. 0	5	1	50,577	+45	46	37,66
	Apr. 10			50,655			38,36
	Jul. 19			50,741			39,01
	Oct. 27			50,836			39,62
	Dec. 66			50,940			40,19

1800	Jan. 0	5	1	55,313	+45	46	44,
	Apr. 10			55,422			45,
	Jul. 19			55,536			45,
	Oct. 27			55,655			46,
	Dec. 66			55,780			46,
1801	Jan. 0	5	2	0,147	+45	46	50,
	Apr. 10			0,275			51,
	Jul. 19			0,404			51,
	Oct. 27			0,536			51,
	Dec. 66			0,669			51,
1802	Jan. 0	5	2	5,034	+45	46	56,
	Apr. 10			5,167			56,
	Jul. 19			5,299			56,
	Oct. 27			5,428			56,
	Dec. 66			5,556			55,
1803	Jan. 0	5	2	9,923	+45	47	0.
	Apr. 10			10,048			0.
	Jul. 19			10,168			− 0.
	Oct. 27			10,282			46 59.
	Dec. 66			10,390			59.
1804	Jan. 1	5	2	14,765	+45	47	4
	Apr. 10			14,868			3
	Jul. 19			14,963			3
	Oct. 27			15,049			2
	Dec. 66			15,126			1
1805	Jan. 0	5	2	19,511	+45	47	6
	Apr. 10			19,581			5
	Jul. 19			19,640			5
	Oct. 27			19,688			4
	Dec. 66			19,724			3
1806	Jan. 0	5	2	24,124	+45	47	8
	Apr. 10			24,152			7
	Jul. 19			24,168			7
	Oct. 27			24,171			6
	Dec. 66			24,162			5
1807	Jan. 0	5	2	28,577	+45	47	10
	Apr. 10			28,559			9
	Jul. 19			28,529			8
	Oct. 27			28,486			7
	Dec. 66			28,431			7
1808	Jan. 1	5	2	32,862	+45	47	1
	Apr. 10			32,799			1
	Jul. 19			32,725			1
	Oct. 27			32,641			1
	Dec. 66			32,546			1
1809	Jan. 0	5	2	36,990	+45	47	1
	Apr. 10			36,888			1
	Jul. 19			36,779			1
	Oct. 27			36,662			1
	Dec. 66			36,537			1

Tabulae X. Sect. III. *α Aurigae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				^{h} $'$ ″	° $'$ ″
Jn. 0	+1,816	+ 2,6	+4,28	+14,0	+3	− 4	1790	5 1 12,1478	+45 45 51,930
10	+1,811	− 3,5	+5,63	+12,8	+4	− 4	1791	1 16,5554	45 56,593
20	+1,746	− 9,4	+6,84	+11,1	+5	− 4	1792	1 20,9632	46 1,250
30	+1,624	−14,7	+7,85	+ 9,0	+5	− 3	1793	1 25,3712	46 5,901
Febr. 9	+1,452	−19,3	+8,63	+ 6,4	+6	− 3	1794	1 29,7793	46 10,546
							1795	1 34,1876	46 15,184
19	+1,241	−22,5	+9,13	+ 3,5	+6	− 2	1796	1 38,5961	46 19,816
Mrt. 1	+1,003	−24,5	+9,33	+ 0,5	+6	− 1	1797	1 43,0048	46 24,442
11	+0,752	−25,1	+9,23	− 2,6	+6	0	1798	1 47,4137	46 29,061
21	+0,502	−24,2	+8,82	− 5,5	+6	0	1799	1 51,8228	46 33,675
31	+0,269	−21,8	+8,14	− 8,0	+6	+ 1	1800	1 56,2320	46 38,282
							1801	2 0,6414	46 42,883
A. 10	+0,066	−18,4	+7,22	−10,2	+5	+ 1	1802	2 5,0510	46 47,478
20	−0,095	−13,6	+6,10	−12,0	+4	+ 2	1803	2 9,4608	46 52,066
30	−0,206	− 8,2	+4,83	−13,1	+4	+ 2	1804	2 13,8708	46 56,649
Mai. 10	−0,259	− 2,2	+3,48	−13,7	+3	+ 2	1805	2 18,2810	47 1,225
20	−0,250	+ 4,0	+2,10	−13,7	+2	+ 2	1806	2 22,6914	47 5,795
							1807	2 27,1019	47 10,358
30	−0,180	+10,2	+0,74	−13,2	+1	+ 2	1808	2 31,5126	47 14,916
Jun 9	−0,047	+16,1	−0,53	−12,2	0	+ 2	1809	2 35,9235	47 19,467
19	+0,142	+21,6	−1,70	−10,8	−1	+ 2	1810	2 40,3346	47 24,012
29	+0,384	+26,5	−2,69	− 9,1	−2	+ 1			
Jul 9	+0,672	+30,7	−3,52	− 7,3	−2	0			
19	+0,998	+34,2	−4,15	− 5,3	−3	0			
29	+1,355	+36,9	−4,58	− 3,3	−3	− 1			
Aug 8	+1,736	+38,9	−4,81	− 1,3	−4	− 2			
18	+2,133	+40,2	−4,83	+ 0,7	−4	− 3			
28	+2,540	+40,9	−4,67	+ 2,6	−4	− 4			
Sep 7	+2,951	+41,1	−4,32	+ 4,3	−4	− 5			
17	+3,360	+40,7	−3,81	+ 5,9	−4	− 5			
27	+3,762	+39,6	−3,14	+ 7,5	−4	− 6			
Oct 7	+4,152	+38,2	−2,32	+ 8,9	−3	− 7			
17	+4,526	+36,3	−1,37	+10,2	−3	− 8			
27	+4,878	+33,9	−0,28	+11,4	−2	− 9			
Nov 6	+5,203	+30,8	+0,91	+12,5	−1	− 9			
16	+5,494	+27,2	+2,22	+13,5	0	−10			
26	+5,746	+22,8	+3,60	+14,2	+1	−10			
Dec 6	+5,950	+17,9	+5,05	+14,7	+2	−11			
16	+6,103	+12,4	+6,55	+14,8	+3	−11			
26	+6,197	+ 6,4	+8,00	+14,4	+4	−11			
36	+6,231	+ 0,3	+9,41	+13,6	+5	−10			

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Orionis.*

1790	Jan. 0	$5^h\ 4'\ 27''{,}806$	$-\ 8\ 27'\ 30''{,}70$	1800	Jan. 0	$5^h\ 4'\ 55''{,}382$	$-\ 8\ 26'\ 31''{,}$
	Apr. 10	27,740	31,39		Apr. 10	55,458	31,
	Jul. 19	27,670	32,02		Jul. 19	55,537	30,
	Oct. 27	27,595	32,60		Oct. 27	55,619	30,
	Dec. 66	27,516	33,12		Dec. 66	55,704	30,
1791	Jan. 0	5 4 30,419	— 8 27 28,17	1801	Jan. 0	5 4 58,553	— 8 26 25,
	Apr. 10	30,336	28,65		Apr. 10	58,639	25,
	Jul. 19	30,250	29,07		Jul. 19	58,724	25,
	Oct. 27	30,162	29,42		Oct. 27	58,811	24,
	Dec. 66	30,072	29,70		Dec. 66	58,897	24,
1792	Jan. 1	5 4 32,979	— 8 27 24,84	1802	Jan. 0	5 5 1,746	— 8 26 20.
	Apr. 10	32,888	25,07		Apr. 10	1,832	20.
	Jul. 19	32,798	25,22		Jul. 19	1,915	20.
	Oct. 27	32,708	25,29		Oct. 27	1,996	20
	Dec. 66	32,619	25,29		Dec. 66	2,075	20
1793	Jan. 0	5 4 35,526	— 8 27 20,53	1803	Jan. 0	5 5 4,927	— 8 26 15
	Apr. 10	35,438	20,48		Apr. 10	5,004	15
	Jul. 19	35,354	20,34		Jul. 19	5,076	16
	Oct. 27	35,273	20,13		Oct. 27	5,144	16
	Dec. 66	35,195	19,85		Dec. 66	5,208	16
1794	Jan. 0	5 4 38,098	— 8 27 15,18	1804	Jan. 1	5 5 8,065	— 8 26 11
	Apr. 10	38,024	14,85		Apr. 10	8,125	12
	Jul. 19	37,956	14,45		Jul. 19	8,178	13
	Oct. 27	37,894	13,99		Oct. 27	8,225	13
	Dec. 66	37,837	13,46		Dec. 66	8,265	14
1795	Jan. 0	5 4 40,733	— 8 27 8,87	1805	Jan. 0	5 5 11,130	— 8 26 9
	Apr. 10	40,681	8,30		Apr. 10	11,166	9
	Jul. 19	40,637	7,69		Jul. 19	11,194	10
	Oct. 27	40,600	7,03		Oct. 27	11,214	1
	Dec. 66	40,571	6,32		Dec. 66	11,227	1
1796	Jan. 1	5 4 43,457	— 8 27 1,80	1806	Jan. 0	5 5 14,101	— 8 26
	Apr. 10	43,433	1,07		Apr. 10	14,109	
	Jul. 19	43,417	0,31		Jul. 19	14,108	
	Oct. 27	43,410	26 59,53		Oct. 27	14,099	
	Dec. 66	43,410	58,72		Dec. 66	14,082	1
1797	Jan. 0	5 4 46,287	— 8 26 54,23	1807	Jan. 0	5 5 16,966	— 8 26
	Apr. 10	46,293	53,42		Apr. 10	16,943	
	Jul. 19	46,307	52,61		Jul. 19	16,913	
	Oct. 27	46,329	51,80		Oct. 27	16,875	
	Dec. 66	46,359	50,99		Dec. 66	16,829	
1798	Jan. 0	5 4 49,225	— 8 26 46,51	1808	Jan. 1	5 5 19,723	— 8 26
	Apr. 10	49,260	45,71		Apr. 10	19,672	
	Jul. 19	49,302	44,94		Jul. 19	19,615	
	Oct. 27	49,350	44,19		Oct. 27	19,552	
	Dec. 66	49,405	43,46		Dec. 66	19,482	
1799	Jan. 0	5 4 52,264	— 8 26 38,95	1809	Jan. 0	5 5 22,383	— 8 26
	Apr. 10	52,323	38,25		Apr. 10	22,310	
	Jul. 19	52,387	37,60		Jul. 19	22,233	
	Oct. 27	52,456	37,00		Oct. 27	22,151	
	Dec. 66	52,529	36,44		Dec. 66	22,066	

Tabulae X. Sect. III. *β Orionis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	+1″,278	+ 1,4	− 2″,94	−16,0	+1	+1	1790	5 4 27,1091	− 8 27 25,915
10	+1,271	− 2,9	− 4,47	−14,4	+2	+1	1791	4 29,9861	27 21,132
20	+1,221	− 6,9	− 5,82	−12,4	+2	+1	1792	4 32,8632	27 16,353
30	+1,133	−10,6	− 6,95	−10,2	+2	0	1793	4 35,7403	27 11,578
ebr. 9	+1,009	−13,7	− 7,86	− 7,9	+3	0	1794	4 38,6175	27 6,807
							1795	4 41,4947	27 2,042
19	+0,859	−16,1	− 8,53	− 5,5	+3	0	1796	4 44,3720	26 57,280
art. 1	+0,688	−17,6	− 8,95	− 3,0	+3	0	1797	4 47,2493	26 52,522
11	+0,508	−18,0	− 9,12	− 0,5	+3	0	1798	4 50,1266	26 47,768
21	+0,328	−17,5	− 9,04	+ 2,1	+3	−1	1799	4 53,0040	26 43,018
31	+0,158	−16,0	− 8,70	+ 4,6	+3	−1	1800	4 55,8814	26 38,272
							1801	4 58,7589	26 33,530
pr. 10	+0,008	−13,7	− 8,13	+ 7,0	+2	−1	1802	5 1,6364	26 28,792
20	−0,115	−10,6	− 7,31	+ 9,4	+2	−1	1803	5 4,5140	26 24,059
30	−0,204	− 6,9	− 6,26	+11,6	+2	−1	1804	5 7,3916	26 19,330
Iai. 10	−0,252	− 2,8	− 5,00	+13,7	+1	−2	1805	5 10,2692	26 14,605
20	−0,259	+ 1,6	− 3,53	+15,5	+1	−2	1806	5 13,1469	26 9,884
							1807	5 16,0246	26 5,167
30	−0,221	+ 6,0	− 1,90	+17,1	+1	−2	1808	5 18,9024	26 0,454
Jn. 9	−0,140	+10,2	− 0,12	+18,4	0	−2	1809	5 21,7802	25 55,745
19	−0,018	+14,1	+ 1,77	+19,1	0	−3	1810	5 24,6580	25 51,040
29	+0,142	+17,7	+ 3,70	+19,4	−1	−3			
J. 9	+0,335	+20,8	+ 5,65	+19,2	−1	−3			
19	+0,557	+23,4	+ 7,54	+18,4	−1	−3			
29	+0,802	+25,4	+ 9,32	+16,9	−2	−3			
Ag. 8	+1,065	+27,0	+10,92	+14,9	−2	−3			
18	+1,341	+28,0	+12,30	+12,4	−2	−3			
28	+1,624	+28,5	+13,39	+ 9,3	−2	−3			
Sept. 7	+1,910	+28,6	+14,16	+ 5,9	−2	−3			
17	+2,196	+28,3	+14,57	+ 2,6	−2	−3			
27	+2,475	+27,6	+14,61	− 1,5	−2	−3			
O. 7	+2,747	+26,6	+14,28	− 5,1	−2	−3			
17	+3,006	+25,1	+13,59	− 8,5	−2	−3			
27	+3,248	+23,3	+12,58	−11,6	−1	−3			
N. 6	+3,471	+21,1	+11,28	−14,1	−1	−3			
16	+3,670	+18,5	+ 9,76	−16,0	−1	−3			
26	+3,840	+15,4	+ 8,09	−17,2	0	−3			
D. 6	+3,977	+11,9	+ 6,33	−17,7	0	−3			
16	+4,078	+ 8,1	+ 4,55	−17,5	+1	−3			
26	+4,139	+ 4,0	+ 2,83	−16,7	+1	−3			
36	+4,158	− 0,2	+ 1,21	−15,5	+2	−3			

Diei reducto addendum est:

ante / post } Jun. 7 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. β *Tauri.*

1790	Jan. 0	5	13	2,662	+28	24	41,59	1800	Jan. 0	5	13	38,780	+28	25	31,(
	Apr. 10			2,582			40,92		Apr. 10			38,876			32,:
	Jul. 19			2,495			40,30		Jul. 19			38,977			32,(
	Oct. 27			2,401			39,73		Oct. 27			39,081			33,(
	Dec. 66			2,300			39,22		Dec. 66			39,190			33,:
1791	Jan. 0	5	13	6,117	+28	24	43,26	1801	Jan. 0	5	13	42,937	+28	25	37,(
	Apr. 10			6,011			42,79		Apr. 10			43,048			37,.
	Jul. 19			5,902			42,39		Jul. 19			43,160			37,:
	Oct. 27			5,788			42,06		Oct. 27			43,273			37,'
	Dec. 66			5,672			41,80		Dec. 66			43,387			37,'
1792	Jan. 1	5	13	9,494	+28	24	45,75	1802	Jan. 0	5	13	47,132	+28	25	41,
	Apr. 10			9,376			45,54		Apr. 10			47,246			41,
	Jul. 19			9,257			45,41		Jul. 19			47,357			41,
	Oct. 27			9,139			45,36		Oct. 27			47,467			41,
	Dec. 66			9,020			45,39		Dec. 66			47,574			41,
1793	Jan. 0	5	13	12,842	+28	24	49,23	1803	Jan. 0	5	13	51,322	+28	25	44.
	Apr. 10			12,725			49,31		Apr. 10			51,427			44,
	Jul. 19			12,612			49,47		Jul. 19			51,526			44.
	Oct. 27			12,502			49,71		Oct. 27			51,621			44.
	Dec. 66			12,396			50,01		Dec. 66			51,710			43.
1794	Jan. 0	5	13	16,214	+28	24	53,75	1804	Jan. 1	5	13	55,464	+28	25	47.
	Apr. 10			16,111			54,11		Apr. 10			55,549			47.
	Jul. 19			16,016			54,53		Jul. 19			55,625			46.
	Oct. 27			15,928			55,01		Oct. 27			55,694			45.
	Dec. 66			15,848			55,56		Dec. 66			55,755			45.
1795	Jan. 0	5	13	19,657	+28	24	59,22	1805	Jan. 0	5	13	59,519	+28	25	49.
	Apr. 10			19,582			59,81		Apr. 10			59,574			48
	Jul. 19			19,517		25	0.44		Jul. 19			59,619			47
	Oct. 27			19,461			1,12		Oct. 27			59,654			47
	Dec. 66			19,414			1,85		Dec. 66			59,679			46
1796	Jan. 1	5	13	23,211	+28	25	5,44	1806	Jan. 0	5	14	3,456	+28	25	50
	Apr. 10			23,172			6,19		Apr. 10			3,474			49
	Jul. 19			23,143			6,96		Jul. 19			3,481			48
	Oct. 27			23,125			7,75		Oct. 27			3,478			47
	Dec. 66			23,117			8,56		Dec. 66			3,464			47
1797	Jan. 0	5	13	26,901	+28	25	12,13	1807	Jan. 0	5	14	7,254	+28	25	51
	Apr. 10			26,901			12,95		Apr. 10			7,232			50
	Jul. 19			26,911			13,76		Jul. 19			7,200			49
	Oct. 27			26,931			14,57		Oct. 27			7,158			48
	Dec. 66			26,962			15,38		Dec. 66			7,105			48
1798	Jan. 0	5	13	30,734	+28	25	18,95	1808	Jan. 1	5	14	10,908	+28	25	52
	Apr. 10			30,772			19,74		Apr. 10			10,849			51
	Jul. 19			30,819			20,51		Jul. 19			10,781			50
	Oct. 27			30,875			21,25		Oct. 27			10,704			49
	Dec. 66			30,941			21,97		Dec. 66			10,618			49
1799	Jan. 0	5	13	34,701	+28	25	25,56	1809	Jan. 0	5	14	14,432	+28	25	53
	Apr. 10			34,772			26,25		Apr. 10			14,341			52
	Jul. 19			34,850			26,89		Jul. 19			14,244			52
	Oct. 27			34,936			27,48		Oct. 27			14,141			51
	Dec. 66			35,029			28,03		Dec. 66			14,031			51

Tabulae X. Sect. III. *β Tauri.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
an. 0	+1,467	+ 4,3	+1,66	+4,2	+1	−2	1790	5 13 1,6828	+28 24 46,604
10	+1,485	− 0,7	+2,08	+4,1	+2	−2	1791	13 5,4654	24 50,475
20	+1,454	− 5,5	+2,47	+3,6	+3	−2	1792	13 9,2481	24 54,341
30	+1,376	−10,0	+2,80	+3,0	+3	−2	1793	13 13,0309	24 58,202
ebr. 9	+1,255	−13,8	+3,06	+2,1	+4	−2	1794	13 16,8138	25 2,057
							1795	13 20,5969	25 5,908
19	+1,100	−16,7	+3,22	+1,0	+4	−1	1796	13 24,3800	25 9,753
art. 1	+0,921	−18,6	+3,26	−0,3	+4	−1	1797	13 28,1632	25 13,592
11	+0,728	−19,4	+3,17	−1,5	+4	−1	1798	13 31,9465	25 17,426
21	+0,534	−18,9	+2,97	−2,6	+4	0	1799	13 35,7299	25 21,254
31	+0,351	−17,3	+2,65	−3,7	+4	0	1800	13 39,5132	25 25,076
							1801	13 43,2967	25 28,894
pr. 10	+0,189	−14,7	+2,24	−4,5	+4	0	1802	13 47,0803	25 32,706
20	+0,058	−11,1	+1,76	−5,0	+3	+1	1803	13 50,8640	25 36,513
30	−0,033	− 6,8	+1,25	−5,1	+3	+1	1804	13 54,6478	25 40,314
aj. 10	−0,078	− 2,2	+0,75	−4,9	+2	+1	1805	13 58,4317	25 44,110
20	−0,076	+ 2,8	+0,28	−4,4	+2	+1	1806	14 2,2157	25 47,901
							1807	14 5,9998	25 51,686
30	−0,023	+ 7,8	−0,13	−3,7	+1	+1	1808	14 9,7840	25 55,466
n. 9	+0,079	+12,6	−0,45	−2,7	0	0	1809	14 13,5682	25 59,240
19	+0,228	+17,0	−0,66	−1,6	0	0	1810	14 17,3525	26 3,008
29	+0,419	+21,0	−0,76	−0,4	−1	0			
l. 9	+0,647	+24,4	−0,74	+0,7	−1	−1			
19	+0,906	+27,2	−0,62	+1,8	−2	−1			
29	+1,191	+29,5	−0,39	+2,7	−2	−2			
g. 8	+1,495	+31,2	−0,09	+3,3	−3	−2			
18	+1,814	+32,3	+0,27	+3,8	−3	−3			
28	+2,140	+32,9	+0,66	+4,1	−3	−3			
pt. 7	+2,471	+33,1	+1,08	+4,2	−3	−4			
17	+2,802	+32,8	+1,49	+4,1	−3	−4			
27	+3,128	+32,3	+1,90	+4,0	−3	−5			
t. 7	+3,447	+31,4	+2,28	+3,7	−3	−6			
17	+3,755	+30,1	+2,64	+3,5	−2	−6			
27	+4,048	+28,3	+2,98	+3,4	−2	−6			
v. 6	+4,321	+26,1	+3,32	+3,4	−2	−7			
16	+4,570	+23,4	+3,66	+3,5	−1	−7			
26	+4,789	+20,2	+4,02	+3,7	0	−7			
c. 6	+4,973	+16,4	+4,40	+3,9	0	−8			
16	+5,116	+12,1	+4,80	+4,1	+1	−8			
26	+5,214	+ 7,4	+5,21	+4,2	+2	−8			
36	+5,263	+ 2,4	+5,64	+4,2	+3	−8			

Diei reducto addendum est:

ante } Jun. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Orionis.*

		α	δ	
1790	Jan. 0	5h 43′ 49″,201	+ 7° 21′ 4″,75	
	Apr. 10	49,129	4,12	
	Jul. 19	49,052	3,56	
	Oct. 27	48,968	3,05	
	Dec. 66	48,879	2,61	
1791	Jan. 0	5 43 52,154	+ 7 21 4,16	
	Apr. 10	52,061	3,76	
	Jul. 19	51,966	3,43	
	Oct. 27	51,868	3,18	
	Dec. 66	51,767	3,01	
1792	Jan. 1	5 43 55,045	+ 7 21 4,46	
	Apr. 10	54,943	4,33	
	Jul. 19	54,841	4,29	
	Oct. 27	54,740	4,32	
	Dec. 66	54,639	4,43	
1793	Jan. 0	5 43 57,916	+ 7 21 5,78	
	Apr. 10	57,817	5,95	
	Jul. 19	57,721	6,19	
	Oct. 27	57,629	6,50	
	Dec. 66	57,540	6,89	
1794	Jan. 0	5 44 0,814	+ 7 21 8,15	
	Apr. 10	0,728	8,58	
	Jul. 19	0,650	9,07	
	Oct. 27	0,577	9,63	
	Dec. 66	0,512	10,24	
1795	Jan. 0	5 44 3,778	+ 7 21 11,42	
	Apr. 10	3,717	12,07	
	Jul. 19	3,665	12,76	
	Oct. 27	3,621	13,48	
	Dec. 66	3,586	14,25	
1796	Jan. 1	5 44 6,841	+ 7 21 15,38	
	Apr. 10	6,811	16,16	
	Jul. 19	6,791	16,96	
	Oct. 27	6,780	17,77	
	Dec. 66	6,778	18,60	
1797	Jan. 0	5 44 10,022	+ 7 21 19,71	
	Apr. 10	10,026	20,54	
	Jul. 19	10,040	21,35	
	Oct. 27	10,062	22,16	
	Dec. 66	10,093	22,96	
1798	Jan. 0	5 44 13,326	+ 7 21 24,07	
	Apr. 10	13,363	24,85	
	Jul. 19	13,408	25,59	
	Oct. 27	13,460	26,30	
	Dec. 66	13,520	26,98	
1799	Jan. 0	5 44 16,743	+ 7 21 28,13	
	Apr. 10	16,807	28,78	
	Jul. 19	16,878	29,37	
	Oct. 27	16,954	29,91	
	Dec. 66	17,036	30,39	
1800	Jan. 0	5h 44′ 20″,253	+ 7° 21′ 31″,60	
	Apr. 10	20,338	32,04	
	Jul. 19	20,426	32,42	
	Oct. 27	20,517	32,73	
	Dec. 66	20,612	32,97	
1801	Jan. 0	5 44 23,824	+ 7 21 34,26	
	Apr. 10	23,920	34,46	
	Jul. 19	24,017	34,58	
	Oct. 27	24,114	34,63	
	Dec. 66	24,211	34,61	
1802	Jan. 0	5 44 27,423	+ 7 21 35,98	
	Apr. 10	27,520	35,91	
	Jul. 19	27,615	35,77	
	Oct. 27	27,708	35,55	
	Dec. 66	27,798	35,27	
1803	Jan. 0	5 44 31,012	+ 7 21 36,72	
	Apr. 10	31,100	36,39	
	Jul. 19	31,183	35,99	
	Oct. 27	31,261	35,53	
	Dec. 66	31,335	35,01	
1804	Jan. 1	5 44 34,555	+ 7 21 36,54	
	Apr. 10	34,625	35,98	
	Jul. 19	34,687	35,38	
	Oct. 27	34,742	34,72	
	Dec. 66	34,790	34,02	
1805	Jan. 0	5 44 38,019	+ 7 21 35,60	
	Apr. 10	38,062	34,87	
	Jul. 19	38,096	34,12	
	Oct. 27	38,122	33,34	
	Dec. 66	38,139	32,53	
1806	Jan. 0	5 44 41,379	+ 7 21 34,13	
	Apr. 10	41,390	33,31	
	Jul. 19	41,391	32,49	
	Oct. 27	41,384	31,67	
	Dec. 66	41,367	30,84	
1807	Jan. 0	5 44 44,618	+ 7 21 32,45	
	Apr. 10	44,595	31,63	
	Jul. 19	44,564	30,83	
	Oct. 27	44,523	30,06	
	Dec. 66	44,474	29,31	
1808	Jan. 1	5 44 47,736	+ 7 21 30,89	
	Apr. 10	47,682	30,17	
	Jul. 19	47,619	29,49	
	Oct. 27	47,550	28,86	
	Dec. 66	47,473	28,28	
1809	Jan. 0	5 44 50,744	+ 7 21 29,79	
	Apr. 10	50,663	28,25	
	Jul. 19	50,577	28,77	
	Oct. 27	50,486	28,36	
	Dec. 66	50,391	28,02	

Tabulae X. Sect. III. *a Orionis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
an. 0	+1,350	+ 6,3	— 1,29	— 8,7	+1	—1	1790	5 43 48,3959	+ 7 21 10,532
10	+1,390	+ 1,7	— 2,11	— 7,7	+1	—1	1791	43 51,6402	21 11,939
20	+1,384	— 2,9	— 2,83	— 6,6	+2	—1	1792	43 54,8845	21 13,342
30	+1,333	— 7,2	— 3,43	— 5,5	+2	—1	1793	43 58,1288	21 14,740
ebr. 9	+1,241	—10,9	— 3,92	— 4,3	+3	—1	1794	44 1,3731	21 16,133
							1795	44 4,6175	21 17,520
19	+1,115	—13,9	— 4,28	— 3,1	+3	—1	1796	44 7,8619	21 18,904
Iart. 1	+0,963	—16,1	— 4,54	— 2,1	+3	—1	1797	44 11,1063	21 20,283
11	+0,793	—17,3	— 4,70	— 1,1	+3	—1	1798	44 14,3508	21 21,657
21	+0,617	—17,5	— 4,75	— 0,1	+3	—1	1799	44 17,5953	21 23,026
31	+0,445	—16,5	— 4,71	+ 1,0	+3	—1	1800	44 20,8398	21 24,391
							1801	44 24,0844	21 25,751
pr. 10	+0,288	—14,6	— 4,56	+ 2,0	+3	—1	1802	44 27,3290	21 27,106
20	+0,154	—11,9	— 4,31	+ 3,1	+3	—1	1803	44 30,5736	21 28,456
30	+0,050	— 8,5	— 3,95	+ 4,2	+2	—1	1804	44 33,8183	21 29,802
aj. 10	—0,016	— 4,6	— 3,47	+ 5,4	+2	—1	1805	44 37,0629	21 31,143
20	—0,042	— 0,5	— 2,87	+ 6,6	+1	—1	1806	44 40,3076	21 32,479
							1807	44 43,5523	21 33,811
30	—0,026	+ 3,8	— 2,16	+ 7,4	+1	—1	1808	44 46,7971	21 35,138
n. 9	+0,033	+ 8,0	— 1,34	+ 8,7	+1	—1	1809	44 50,0419	21 36,460
19	+0,133	+11,9	— 0,42	+ 9,6	0	—2	1810	44 53,2868	21 37,777
29	+0,271	+15,5	+ 0,57	+10,2	0	—2			
l. 9	+0,443	+18,8	+ 1,61	+10,5	—1	—2			
19	+0,646	+21,6	+ 2,67	+10,5	—1	—2			
29	+0,874	+23,9	+ 3,70	+10,0	—2	—2			
ıg. 8	+1,124	+25,7	+ 4,67	+ 9,2	—2	—3			
18	+1,388	+27,1	+ 5,53	+ 7,9	—2	—3			
28	+1,666	+28,2	+ 6,24	+ 6,3	—2	—3			
pt. 7	+1,951	+28,8	+ 6,78	+ 4,3	—3	—3			
17	+2,241	+29,1	+ 7,10	+ 2,1	—3	—4			
27	+2,532	+29,0	+ 7,20	— 0,2	—3	—4			
t. 7	+2,821	+28,6	+ 7,07	— 2,4	—3	—4			
17	+3,104	+27,8	+ 6,72	— 4,6	—2	—4			
27	+3,377	+23,7	+ 6,16	— 6,5	—2	—4			
ov. 6	+3,637	+25,1	+ 5,43	— 8,0	—2	—4			
16	+3,878	+22,9	+ 4,56	— 9,2	—1	—5			
26	+4,095	+20,3	+ 3,60	— 9,8	—1	—5			
ec. 6	+4,283	+17,1	+ 2,60	—10,0	0	—5			
16	+4,435	+13,3	+ 1,60	— 9,8	0	—5			
26	+4,547	+ 9,0	+ 0,64	— 9,3	+1	—5			
36	+4,615	+ 4,6	— 0,25	— 8,4	+1	—5			

Diei reducto addendum est:

ante / post Jun. 17 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *a Canis majoris.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1790	Jan. 0	6 35 54,190	—16 26 31,23
	Apr. 10	54,132	31,74
	Jul. 19	54,069	32,19
	Oct. 27	54,002	32,57
	Dec. 66	53,929	32,89
1791	Jan. 0	6 35 56,597	—16 26 37,16
	Apr. 10	56,522	37,43
	Jul. 19	56,444	37,62
	Oct. 27	56,363	37,73
	Dec. 66	56,280	37,76
1792	Jan. 1	6 35 58,952	—16 26 42,14
	Apr. 10	58,867	42,12
	Jul. 19	58,783	42,02
	Oct. 27	58,699	41,84
	Dec. 66	58,615	41,59
1793	Jan. 0	6 36 1,287	—16 26 46,06
	Apr. 10	1,204	45,76
	Jul. 19	1,124	45,39
	Oct. 27	1,047	44,95
	Dec. 66	0,972	44,45
1794	Jan. 0	6 36 3,641	—16 26 49,01
	Apr. 10	3,569	48,46
	Jul. 19	3,503	47,86
	Oct. 27	3,442	47,21
	Dec. 66	3,386	46,51
1795	Jan. 0	6 36 6,048	—16 26 51,14
	Apr. 10	5,996	50,41
	Jul. 19	5,951	49,66
	Oct. 27	5,913	48,88
	Dec. 66	5,881	48,07
1796	Jan. 1	6 36 8,535	—16 26 52,73
	Apr. 10	8,509	51,91
	Jul. 19	8,490	51,09
	Oct. 27	8,479	50,27
	Dec. 66	8,475	49,44
1797	Jan. 0	6 36 11,119	—16 26 54,11
	Apr. 10	11,120	53,30
	Jul. 19	11,129	52,51
	Oct. 27	11,145	51,74
	Dec. 66	11,169	51,00
1798	Jan. 0	6 36 13,805	—16 26 55,64
	Apr. 10	13,833	54,92
	Jul. 19	13,863	54,25
	Oct. 27	13,909	53,62
	Dec. 66	13,957	53,03
1799	Jan. 0	6 36 16,585	—16 26 57,62
	Apr. 10	16,637	57,07
	Jul. 19	16,693	56,59
	Oct. 27	16,755	56,16
	Dec. 66	16,821	55,79
1800	Jan. 0	6 36 19,442	—16 27 0
	Apr. 10	19,511	26 59
	Jul. 19	19,583	59
	Oct. 27	19,658	59
	Dec. 66	19,736	59
1801	Jan. 0	6 36 22,353	—16 27 3
	Apr. 10	22,432	3
	Jul. 19	22,512	3
	Oct. 27	22,592	3
	Dec. 66	22,673	4
1802	Jan. 0	6 36 25,290	—16 27 8
	Apr. 10	25,371	8
	Jul. 19	25,450	8
	Oct. 27	25,527	9
	Dec. 66	25,602	9
1803	Jan. 0	6 36 28,221	—16 27 13
	Apr. 10	28,295	14
	Jul. 19	28,365	14
	Oct. 27	28,431	15
	Dec. 66	28,493	16
1804	Jan. 1	6 36 31,116	—16 27 20
	Apr. 10	31,175	20
	Jul. 19	31,228	21
	Oct. 27	31,275	22
	Dec. 66	31,317	23
1805	Jan. 0	6 36 33,948	—16 27 27
	Apr. 10	33,986	28
	Jul. 19	34,016	28
	Oct. 27	34,039	29
	Dec. 66	34,055	30
1806	Jan. 0	6 36 36,694	—16 27 34
	Apr. 10	36,705	35
	Jul. 19	36,709	36
	Oct. 27	36,705	37
	Dec. 66	36,693	37
1807	Jan. 0	6 36 39,342	—16 27 42
	Apr. 10	39,325	42
	Jul. 19	39,301	43
	Oct. 27	39,269	44
	Dec. 66	39,231	44
1808	Jan. 1	6 36 41,888	—16 27 49
	Apr. 10	41,845	49
	Jul. 19	41,795	50
	Oct. 27	41,739	50
	Dec. 66	41,677	51
1809	Jan. 0	6 36 44,342	—16 27 55
	Apr. 10	44,277	56
	Jul. 19	44,207	56
	Oct. 27	44,133	56
	Dec. 66	44,056	56

Tabulae X. Sect. III. *a Canis majoris.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jn. 0	+1,426	+ 9,1	− 1,81	−23,7	0	+1	1790	6 35 53,5080	−16 26 24,378
10	+1,493	+ 4,3	− 4,13	−22,3	+1	+1	1791	35 56,1519	26 28,748
20	+1,511	− 0,7	− 6,26	−20,2	+1	+1	1792	35 58,7959	26 33,123
30	+1,480	− 5,4	− 8,16	−17,8	+1	0	1793	36 1,4398	26 37,501
Febr. 9	+1,404	− 9,7	− 9,81	−15,0	+2	0	1794	36 4,0838	26 41,883
							1795	36 6,7277	26 46,269
19	+1,287	−13,3	−11,16	−12,0	+2	0	1796	36 9,3716	26 50,658
Mrt. 1	+1,138	−16,2	−12,20	− 8,9	+2	0	1797	36 12,0156	26 55,052
11	+0,964	−18,2	−12,93	− 5,7	+2	−1	1798	36 14,6595	26 59,449
21	+0,775	−19,1	−13,33	− 2,5	+3	−1	1799	36 17,3035	27 3,850
31	+0,582	−19,0	−13,42	+ 0,7	+2	−1	1800	36 19,9475	27 8,255
							1801	36 22,5915	27 12,664
Apr. 10	+0,395	−18,0	−13,20	+ 3,8	+2	−1	1802	36 25,2355	27 17,076
20	+0,222	−16,1	−12,67	+ 6,7	+2	−2	1803	36 27,8794	27 21,492
30	+0,073	−13,5	−11,86	+ 9,5	+2	−2	1804	36 30,5234	27 25,912
Mai. 10	−0,047	−10,3	−10,77	+12,2	+2	−2	1805	36 33,1674	27 30,336
20	−0,133	− 6,8	− 9,42	+14,6	+2	−2	1806	36 35,8114	27 34,764
							1807	36 38,4554	27 39,195
30	−0,182	− 2,9	− 7,86	+16,6	+1	−3	1808	36 41,0994	27 43,631
Juni 9	−0,191	+ 1,1	− 6,10	+18,4	+1	−3	1809	36 43,7434	27 48,070
19	−0,160	+ 5,0	− 4,19	+19,6	0	−3	1810	36 46,3874	27 52,512
29	−0,091	+ 8,8	− 2,18	+20,4	0	−3			
Juli 9	+0,015	+12,3	− 0,12	+20,5	0	−3			
19	+0,155	+15,5	+ 1,92	+20,0	−1	−3			
29	+0,325	+18,4	+ 3,88	+18,9	−1	−3			
Aug. 8	+0,523	+21,1	+ 5,69	+17,0	−1	−3			
18	+0,746	+23,3	+ 7,28	+14,5	−2	−3			
28	+0,983	+25,1	+ 8,59	+11,4	−2	−3			
Sept. 7	+1,248	+26,7	+ 9,56	+ 7,7	−2	−3			
17	+1,522	+27,9	+10,13	+ 3,6	−2	−3			
27	+1,805	+28,7	+10,28	− 0,8	−2	−3			
Oct. 7	+2,095	+29,1	+ 9,98	− 5,2	−2	−3			
17	+2,386	+29,0	+ 9,24	− 9,5	−2	−2			
27	+2,674	+28,4	+ 8,08	−13,6	−2	−2			
Nov. 6	+2,954	+27,3	+ 6,52	−17,3	−2	−2			
16	+3,220	+25,5	+ 4,63	−20,2	−2	−2			
26	+3,464	+23,1	+ 2,48	−22,4	−1	−2			
Dec. 6	+3,681	+20,0	+ 0,15	−23,8	−1	−2			
16	+3,863	+16,2	− 2,28	−24,4	−1	−2			
26	+4,004	+11,9	− 4,73	−24,2	0	−2			
36	+4,101	+ 7,3	− 7,11	−23,3	0	−3			

Diei reducto addendum est:

ante } Jun. 29 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Geminorum.*

		α	δ
1790	Jan. 0	7 21 11,133	+32 19 46,91
	Apr. 10	11,039	46,51
	Jul. 19	10,938	46,18
	Oct. 27	10,831	45,92
	Dec. 66	10,718	45,73
1791	Jan. 0	7 21 14,604	+32 19 38,75
	Apr. 10	14,488	38,61
	Jul. 19	14,370	38,54
	Oct. 27	14,250	38,56
	Dec. 66	14,127	38,65
1792	Jan. 1	7 21 18,016	+32 19 31,57
	Apr. 10	17,893	31,71
	Jul. 19	17,771	31.93
	Oct. 27	17,652	32.22
	Dec. 66	17,534	32,59
1793	Jan. 0	7 21 21,420	+32 19 25,41
	Apr. 10	21,306	25,82
	Jul. 19	21,195	26,29
	Oct. 27	21,091	26,82
	Dec. 66	20,992	27,41
1794	Jan. 0	7 21 24,871	+32 19 20,16
	Apr. 10	24,777	20,78
	Jul. 19	24,692	21,44
	Oct. 27	24,615	22,14
	Dec. 66	24,546	22,89
1795	Jan. 0	7 21 28,415	+32 19 15,58
	Apr. 10	28,353	16,34
	Jul. 19	28,302	17,12
	Oct. 27	28,261	17,92
	Dec. 66	28,231	18,73
1796	Jan. 1	7 21 32,086	+32 19 11,40
	Apr. 10	32,063	12,21
	Jul. 19	32,052	13,01
	Oct. 27	32,051	13,80
	Dec. 66	32,062	14,59
1797	Jan. 0	7 21 35,903	+32 19 7,26
	Apr. 10	35,921	8,03
	Jul. 19	35,950	8,76
	Oct. 27	35,988	9,46
	Dec. 66	36,037	10,13
1798	Jan. 0	7 21 39,866	+32 19 2,84
	Apr. 10	39,922	3,48
	Jul. 19	39,986	4,06
	Oct. 27	40,059	4,60
	Dec. 66	40,140	5,08
1799	Jan. 0	7 21 43,958	+32 18 57,85
	Apr. 10	44,044	58,29
	Jul. 19	44,137	58,66
	Oct. 27	44,236	58,97
	Dec. 66	44,341	59,22

		α	δ
1800	Jan. 0	7 21 48,151	+32 18 52
	Apr. 10	48,259	52
	Jul. 19	48,369	52
	Oct. 27	48,482	52
	Dec. 66	48,598	52
1801	Jan. 0	7 21 52,405	+32 18 45
	Apr. 10	52,522	45
	Jul. 19	52,638	45
	Oct. 27	52,753	44
	Dec. 66	52,868	44
1802	Jan. 0	7 21 56,676	+32 18 37
	Apr. 10	56,790	37
	Jul. 19	56,900	37
	Oct. 27	57,006	36
	Dec. 66	57,108	36
1803	Jan. 0	7 22 0,920	+32 18 29
	Apr. 10	1,019	28
	Jul. 19	1,111	28
	Oct. 27	1,197	27
	Dec. 66	1,276	26
1804	Jan. 1	7 22 5,096	+32 18 19
	Apr. 10	5,169	19
	Jul. 19	5,233	18
	Oct. 27	5,288	17
	Dec. 66	5,334	16
1805	Jan. 0	7 22 9,166	+32 18 10
	Apr. 10	9,205	9
	Jul. 19	9,234	8
	Oct. 27	9,252	7
	Dec. 66	9,259	6
1806	Jan. 0	7 22 13,104	+32 18 0
	Apr. 10	13,104	17 59
	Jul. 19	13,093	59
	Oct. 27	13,071	58
	Dec. 66	13,039	56
1807	Jan. 0	7 22 16,896	+32 17 50
	Apr. 10	16,856	49
	Jul. 19	16,806	48
	Oct. 27	16,746	47
	Dec. 66	16,676	45
1808	Jan. 1	7 22 20,546	+32 17 44
	Apr. 10	20,470	42
	Jul. 19	20,386	39
	Oct. 27	20,294	36
	Dec. 66	20,194	33
1809	Jan. 0	7 22 24,073	+32 17 30
	Apr. 10	23,969	30
	Jul. 19	23,860	30
	Oct. 27	23,746	31
	Dec. 66	23,627	33

Tabulae X. Sect. III. *α Geminorum.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	+1,582	+18,5	— 3,88	+ 3,5	—1	—3	1790	7 21 10,2681	+32 19 54,394
10	+1,740	+13,0	— 3,44	+ 5,2	—1	—3	1791	21 14,1154	19 47,359
20	+1,842	+ 7,3	— 2,85	+ 6,5	0	—3	1792	21 17,9625	19 40,319
30	+1,885	+ 1,4	— 2,15	+ 7,4	+1	—4	1793	21 21,8095	19 33,273
9	+1,870	— 4,2	— 1,37	+ 7,9	+1	—4	1794	21 25,6564	19 26,222
							1795	21 29,5032	19 19,166
19	+1,802	— 9,2	— 0,57	+ 7,9	+2	—4	1796	21 33,3498	19 12,105
1	+1,686	—13,5	+ 0,21	+ 7,4	+3	—3	1797	21 37,1963	19 5,038
11	+1,533	—16,7	+ 0,91	+ 6,5	+3	—3	1798	21 41,0427	18 57,966
21	+1,353	—18,7	+ 1,50	+ 5,2	+3	—3	1799	21 44,8890	18 50,889
31	+1,159	—19,5	+ 1,95	+ 3,7	+4	—2	1800	21 48,7351	18 43,806
							1801	21 52,5811	18 36,718
10	+0,963	—19,2	+ 2,23	+ 2,0	+4	—2	1802	21 56,4270	18 29,625
20	+0,775	—17,8	+ 2,35	+ 0,4	+4	—2	1803	22 0,2728	18 22,527
30	+0,607	—15,8	+ 2,30	— 1,3	+4	—1	1804	22 4,1184	18 15,423
10	+0,467	—12,3	+ 2,09	— 2,8	+3	—1	1805	22 7,9639	18 8,314
20	+0,362	— 8,6	+ 1,75	— 4,1	+3	—1	1806	22 11,8093	18 1,200
							1807	22 15,6546	17 54,081
30	+0,296	— 4,5	+ 1,28	— 5,1	+3	0	1808	22 19,4997	17 46,956
9	+0,273	— 0,2	+ 0,73	— 5,9	+2	0	1809	22 23,3447	17 39,826
9	+0,293	+ 4,1	+ 0,10	— 6,5	+1	0	1810	22 27,1896	17 32,691
9	+0,355	+ 8,3	— 0,57	— 6,9	+1	0			
9	+0,458	+12,2	— 1,28	— 7,2	0	0			
9	+0,599	+15,9	— 2,01	— 7,4	—1	0			
9	+0,775	+19,3	— 2,75	— 7,5	—1	0			
8	+0,984	+22,3	— 3,50	— 7,5	—2	0			
8	+1,221	+25,0	— 4,25	— 7,6	—3	—1			
8	+1,483	+27,4	— 5,02	— 7,7	—3	—1			
7	+1,769	+29,6	— 5,79	— 7,7	—4	—1			
7	+2,074	+31,4	— 6,56	— 7,8	—4	—2			
7	+2,396	+33,0	— 7,34	— 7,7	—5	—2			
7	+2,733	+34,2	— 8,10	— 7,5	—5	—3			
7	+3,080	+35,0	— 8,84	— 7,2	—5	—4			
7	+3,433	+35,4	— 9,53	— 6,6	—5	—4			
6	+3,787	+35,1	—10,15	— 5,7	—5	—5			
6	+4,135	+34,1	—10,66	— 4,5	—5	—6			
6	+4,469	+32,3	—11,04	— 3,0	—5	—6			
6	+4,781	+29,6	—11,26	— 1,3	—4	—7			
6	+5,061	+26,1	—11,30	+ 0,6	—4	—7			
6	+5,302	+21,7	—11,15	+ 2,4	—3	—8			
6	+5,495	+16,5	—10,82	+ 4,1	—2	—8			

Diei reducto addendum est:

ante } Jul. 10 { + 1
post } { + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Canis minoris.*

1790	Jan. 0	7 28 18,776	+ 5 44 52,97	1800	Jan. 0	7 28 48,929	+ 5 43 4
	Apr. 10	18,703	52,59		Apr. 10	49,014	4
	Jul. 19	18,625	52,27		Jul. 19	49,101	4
	Oct. 27	18,541	52,04		Oct. 27	49,192	4
	Dec. 66	18,452	51,87		Dec. 66	49,286	4
1791	Jan. 0	7 28 21,631	+ 5 44 43,30	1801	Jan. 0	7 28 52,403	+ 5 43 3
	Apr. 10	21,538	43,18		Apr. 10	52,498	3
	Jul. 19	21,443	43,14		Jul. 19	52,593	3
	Oct. 27	21,346	43,18		Oct. 27	52,689	3
	Dec. 66	21,246	43,29		Dec. 66	52,785	3
1792	Jan. 1	7 28 24,428	+ 5 44 34,63	1802	Jan. 0	7 28 55,900	+ 5 43 2
	Apr. 10	24,327	34,79		Apr. 10	55,995	2
	Jul. 19	24,226	35,02		Jul. 19	56,088	2
	Oct. 27	24,127	35,33		Oct. 27	56,179	2
	Dec. 66	24,028	35,71		Dec. 66	56,267	2
1793	Jan. 0	7 28 27,209	+ 5 44 26,95	1803	Jan. 0	7 28 59,386	+ 5 43 1
	Apr. 10	27,112	27,38		Apr. 10	59,471	1
	Jul. 19	27,018	27,86		Jul. 19	59,551	1
	Oct. 27	26,929	28,40		Oct. 27	59,626	1
	Dec. 66	26,843	29,00		Dec. 66	59,697	1
1794	Jan. 0	7 28 30,019	+ 5 44 20,17	1804	Jan. 1	7 29 2,822	+ 5 43
	Apr. 10	29,937	20,80		Apr. 10	2,889	
	Jul. 19	29,861	21,48		Jul. 19	2,948	
	Oct. 27	29,792	22,19		Oct. 27	3,000	
	Dec. 66	29,729	22,94		Dec. 66	3,045	
1795	Jan. 0	7 28 32,897	+ 5 44 14,05	1805	Jan. 0	7 29 6,179	+ 5 42 5
	Apr. 10	32,840	14,82		Apr. 10	6,219	5
	Jul. 19	32,791	15,60		Jul. 19	6,250	5
	Oct. 27	32,750	16,39		Oct. 27	6,273	5
	Dec. 66	32,717	17,20		Dec. 66	6,287	4
1796	Jan. 1	7 28 35,876	+ 5 44 8,30	1806	Jan. 0	7 29 9,431	+ 5 42 4
	Apr. 10	35,849	9,11		Apr. 10	9,439	4
	Jul. 19	35,852	9,90		Jul. 19	9,438	3
	Oct. 27	35,823	10,69		Oct. 27	9,428	3
	Dec. 66	35,824	11,46		Dec. 66	9,409	3
1797	Jan. 0	7 28 38,971	+ 5 44 2,57	1807	Jan. 0	7 29 12,564	+ 5 42 2
	Apr. 10	38,978	3,33		Apr. 10	12,539	2
	Jul. 19	38,993	4,05		Jul. 19	12,505	2
	Oct. 27	39,018	4,74		Oct. 27	12,463	2
	Dec. 66	39,051	5,39		Dec. 66	12,412	2
1798	Jan. 0	7 28 42,187	+ 5 43 56,53	1808	Jan. 1	7 29 15,578	+ 5 42 1
	Apr. 10	42,226	57,15		Apr. 10	15,521	1
	Jul. 19	42,272	57,72		Jul. 19	15,458	1
	Oct. 27	42,326	58,24		Oct. 27	15,388	1
	Dec. 66	42,387	58,70		Dec. 66	15,311	1
1799	Jan. 0	7 28 45,513	+ 5 43 49,91	1809	Jan. 0	7 29 18,485	+ 5 42
	Apr. 10	45,579	50,33		Apr. 10	18,403	
	Jul. 19	45,650	50,69		Jul. 19	18,317	
	Oct. 27	45,727	50,98		Oct. 27	18,227	
	Dec. 66	45,809	51,21		Dec. 66	18,132	

Tabulae X. Sect. III. *a Canis minoris.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
0	+1,″339	+15,9	— 2,″36	—13,2	—1	0	1790	7 28 18,0010	+ 5 45 0,527
10	+1,476	+11,3	— 3,61	—11,8	0	0	1791	28 21,1495	44 51,915
20	+1,564	+ 6,8	— 4,71	—10,1	0	—1	1792	28 24,2979	44 43,298
30	+1,602	+ 1,4	— 5,63	— 8,3	+1	—1	1793	28 27,4463	44 34,677
r. 9	+1,591	— 3,5	— 6,37	— 6,5	+1	—1	1794	28 30,5947	44 26,052
							1795	28 23,7430	44 17,423
19	+1,533	— 7,8	— 6,93	— 4,7	+2	—1	1796	28 36,8913	44 8,790
. 1	+1,436	—11,4	— 7,31	— 3,1	+2	—2	1797	28 40,0395	44 0,152
11	+1,306	—14,1	— 7,55	— 1,7	+2	—2	1798	28 43,1877	43 51,510
21	+1,154	—15,9	— 7,65	— 0,4	+3	—2	1799	28 46,3358	43 42,864
31	+0,989	—16,7	— 7,62	+ 0,8	+3	—2	1800	28 49,4839	43 34,213
							1801	28 52,6319	43 25,559
p 10	+0,821	—16,4	— 7,49	+ 1,9	+3	—2	1802	28 55,7799	43 16,901
20	+0,661	—15,3	— 7,25	+ 2,8	+3	—2	1803	28 58,9279	43 8,238
30	+0,515	—13,4	— 6,93	+ 3,7	+3	—2	1804	29 2,0758	42 59,571
a 10	+0,393	—10,8	— 6,51	+ 4,6	+2	—2	1805	29 5,2237	42 50,899
20	+0,299	— 7,8	— 6,01	+ 5,4	+2	—2	1806	29 8,3715	42 42,224
							1807	29 11,5193	42 33,544
30	+0,237	— 4,5	— 5,44	+ 6,1	+2	—2	1808	29 14,6670	42 24,860
n 9	+0,209	— 1,1	— 4,79	+ 6,8	+1	—2	1809	29 17,8147	42 16,172
19	+0,216	+ 2,5	— 4,08	+ 7,3	+1	—2	1810	29 20,9624	42 7,480
29	+0,259	+ 6,0	— 3,33	+ 7,6	+1	—2			
l. 9	+0,336	+ 9,3	— 2,56	+ 7,7	0	—2			
19	+0,444	+12,3	— 1,79	+ 7,5	0	—2			
29	+0,582	+15,2	— 1,07	+ 6,9	—1	—2			
ug 8	+0,748	+17,8	— 0,41	+ 6,0	—1	—2			
8	+0,938	+20,2	+ 0,12	+ 4,6	—2	—2			
8	+1,151	+22,4	+ 0,51	+ 3,0	—2	—2			
ep 7	+1,385	+24,3	+ 0,71	+ 1,0	—2	—2			
7	+1,637	+26,1	+ 0,70	— 1,3	—3	—2			
7	+1,906	+27,6	+ 0,45	— 3,8	—3	—2			
ct. 7	+2,188	+28,8	— 0,05	— 6,3	—3	—2			
7	+2,481	+29,6	— 0,80	— 8,6	—3	—3			
7	+2,780	+30,0	— 1,77	—10,8	—3	—3			
ov 6	+3,081	+29,9	— 2,95	—12,6	—3	—3			
6	+3,378	+29,2	— 4,28	—13,9	—3	—3			
6	+3,665	+27,7	— 5,73	—14,8	—3	—3			
ec. 6	+3,932	+25,4	— 7,23	—15,0	—2	—4			
6	+4,173	+22,4	— 8,72	—14,7	—2	—4			
6	+4,380	+18,6	—10,16	—13,9	—2	—4			
6	+4,544	+14,2	—11,50	—12,7	—1	—5			

Diei reducto addendum est:

ante / post } Jul. 12 { + 1 / + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Geminorum*.

1790	Jan. 0	7 32 27,430	+28 30 58,33	1800	Jan. 0	7 33 2,916	+28 29 5 57
	Apr. 10	27,338	57,96		Apr. 10	3,020	5 74
	Jul. 19	27,241	57,66		Jul. 19	3,126	5 34
	Oct. 27	27,137	57,43		Oct. 27	3,236	5 36
	Dec. 66	27,028	57,27		Dec. 66	3,348	5 32
1791	Jan. 0	7 32 30,755	+28 30 49,38	1801	Jan. 0	7 33 6,998	+28 29 4 35
	Apr. 10	30,643	49,27		Apr. 10	7,111	4 76
	Jul. 19	30,529	49,24		Jul. 19	7,224	4 30
	Oct. 27	30,412	49,29		Oct. 27	7,336	4 37
	Dec. 66	30,294	49,41		Dec. 66	7,447	4 18
1792	Jan. 1	7 32 34,022	+28 30 41,41	1802	Jan. 0	7 33 11,098	+28 29 3 19
	Apr. 10	33,903	41,59		Apr. 10	11,208	3 15
	Jul. 19	33,786	41,84		Jul. 19	11,314	3 15
	Oct. 27	33,670	42,15		Oct. 27	11,417	3 20
	Dec. 66	33,556	42,54		Dec. 66	11,516	3 18
1793	Jan. 0	7 32 37,283	+28 30 34,45	1803	Jan. 0	7 33 15,171	+28 29 2 56
	Apr. 10	37,171	34,89		Apr. 10	15,267	2 1
	Jul. 19	37,065	35,38		Jul. 19	15,356	2 91
	Oct. 27	36,964	35,93		Oct. 27	15,439	2 37
	Dec. 66	36,869	36,53		Dec. 66	15,515	2 8
1794	Jan. 0	7 32 40,589	+28 30 28,37	1804	Jan. 1	7 33 19,178	+28 29 1 1
	Apr. 10	40,498	29,01		Apr. 10	19,249	1 0
	Jul. 19	40,415	29,68		Jul. 19	19,311	1 7
	Oct. 27	40,341	30,40		Oct. 27	19,364	1 1
	Dec. 66	40,275	31,15		Dec. 66	19,409	1 8
1795	Jan. 0	7 32 43,985	+28 30 22,93	1805	Jan. 0	7 33 23,082	+28 29 8
	Apr. 10	43,925	23,70		Apr. 10	23,120	9
	Jul. 19	43,875	24,48		Jul. 19	23,148	0
	Oct. 27	43,836	25,27		Oct. 27	23,166	1
	Dec. 66	43,807	26,08		Dec. 66	23,173	2
1796	Jan. 1	7 32 47,504	+28 30 17,84	1806	Jan. 0	7 33 26,859	+28 28 5 7
	Apr. 10	47,482	18,65		Apr. 10	26,859	5 9
	Jul. 19	47,471	19,44		Jul. 19	26,849	5 3
	Oct. 27	47,471	20,22		Oct. 27	26,828	5 9
	Dec. 66	47,481	20,99		Dec. 66	26,796	5 8
1797	Jan. 0	7 32 51,164	+28 30 12,76	1807	Jan. 0	7 33 30,495	+28 28 4 9
	Apr. 10	51,182	13,51		Apr. 10	30,456	4 0
	Jul. 19	51,209	14,23		Jul. 19	30,408	4 6
	Oct. 27	51,247	14,91		Oct. 27	30,349	4 6
	Dec. 66	51,294	15,55		Dec. 66	30,283	4 2
1798	Jan. 0	7 32 54,966	+28 30 7,37	1808	Jan. 1	7 33 33,994	+28 28 3 7
	Apr. 10	55,020	7,98		Apr. 10	33,920	3 6
	Jul. 19	55,082	8,54		Jul. 19	33,838	3 2
	Oct. 27	55,152	9,05		Oct. 27	33,749	3 4
	Dec. 66	55,231	9,50		Dec. 66	33,652	3 2
1799	Jan. 0	7 32 58,892	+28 30 1,37	1809	Jan. 0	7 33 37,373	+28 28 2 9
	Apr. 10	58,976	1,78		Apr. 10	37,272	2 2
	Jul. 19	59,065	2,13		Jul. 19	37,166	2 2
	Oct. 27	59,161	2,41		Oct. 27	37,056	2 0
	Dec. 66	59,262	2,62		Dec. 66	36,941	2 6

Tabulae X. Sect. III. *β Geminorum.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
J. 0	+1,504	+19,0	− 4,15	+ 0,7	−1	−2	1790	7 32 26,5932	+28 31 5,930
10	+1,669	+13,8	− 3,98	+ 2,5	−1	−3	1791	32 30,2825	30 57,988
20	+1,780	+ 8,2	− 3,66	+ 4,0	0	−3	1792	32 33,9716	30 50,041
30	+1,833	+ 2,5	− 3,19	+ 5,2	+1	−3	1793	32 37,6606	30 42,089
F. 9	+1,830	− 3,0	− 2,62	+ 6,1	+1	−3	1794	32 41,3495	30 34,133
							1795	32 45,0383	30 26,172
19	+1,774	− 8,0	− 1,98	+ 6,5	+2	−3	1796	32 48,7270	30 18,205
M. 1	+1,671	−12,2	− 1,33	+ 6,4	+2	−3	1797	32 52,4155	30 10,234
11	+1,531	−15,4	− 0,70	+ 6,0	+3	−3	1798	32 56,1039	30 2,258
21	+1,364	−17,6	− 0,14	+ 5,1	+3	−3	1799	32 59,7922	29 54,277
31	+1,180	−18,6	+ 0,31	+ 4,0	+3	−2	1800	33 3,4804	29 46,291
							1801	33 7,1684	29 38,300
A. 10	+0,993	−18,4	+ 0,65	+ 2,8	+4	−2	1802	33 10,8563	29 30,304
20	+0,812	−17,3	+ 0,86	+ 1,4	+4	−2	1803	33 14,5441	29 22,303
30	+0,648	−15,2	+ 0,93	+ 0,1	+3	−1	1804	33 18,2318	29 14,297
M. 10	+0,509	−12,3	+ 0,88	− 1,1	+3	−1	1805	33 21,9194	29 6,287
20	+0,402	− 8,9	+ 0,71	− 2,3	+3	−1	1806	33 25,6058	28 58,272
							1807	33 29,2941	28 50,252
30	+0,331	− 5,2	+ 0,43	− 3,2	+2	−1	1808	33 32,9813	28 42,227
un. 9	+0,299	− 1,2	+ 0,08	− 3,9	+2	0	1809	33 36,6684	28 34,197
19	+0,308	+ 2,9	− 0,34	− 4,5	+1	0	1810	33 40,3554	28 26,161
29	+0,356	+ 6,8	− 0,81	− 4,9	+1	0			
Jul. 9	+0,444	+10,6	− 1,32	− 5,3	0	0			
19	+0,568	+14,1	− 1,86	− 5,6	0	0			
29	+0,726	+17,4	− 2,43	− 5,9	−1	0			
Aug. 8	+0,915	+20,3	− 3,03	− 6,2	−2	0			
18	+1,132	+23,0	− 3,66	− 6,5	−2	−1			
28	+1,375	+25,4	− 4,33	− 6,9	−3	−1			
Sept. 7	+1,640	+27,6	− 5,04	− 7,3	−3	−1			
17	+1,926	+29,6	− 5,79	− 7,7	−4	−2			
27	+2,231	+31,3	− 6,58	− 8,1	−4	−2			
Oct. 7	+2,551	+32,6	− 7,40	− 8,3	−5	−3			
17	+2,883	+33,6	− 8,24	− 8,4	−5	−3			
27	+3,223	+34,2	− 9,07	− 8,1	−5	−4			
Nov. 6	+3,566	+34,1	− 9,86	− 7,6	−5	−4			
16	+3,905	+33,4	−10,58	− 6,7	−5	−5			
26	+4,233	+31,9	−11,20	− 5,6	−4	−5			
Dec. 6	+4,542	+29,4	−11,69	− 4,1	−4	−6			
16	+4,821	+26,1	−12,01	− 2,3	−4	−7			
26	+5,064	+22,0	−12,15	− 0,5	−3	−7			
36	+5,260	+17,1	−12,10	+ 1,4	−2	−7			

Diei reducto addendum est:

ante } Jul. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Hydrae.*

		h ′ ″	° ′ ″
1790	Jan. 0	9 17 16,759	— 7 45 32,48
	Apr. 10	16,697	32,53
	Jul. 19	16,629	32,51
	Oct. 27	16,556	32,42
	Dec. 66	16,478	32,27
1791	Jan. 0	9 17 19,452	— 7 45 47,52
	Apr. 10	19,370	47,32
	Jul. 19	19,285	47,06
	Oct. 27	19,197	46,73
	Dec. 66	19,106	46,34
1792	Jan. 1	9 17 22,085	— 7 46 1,68
	Apr. 10	21,992	1,25
	Jul. 19	21,899	0,77
	Oct. 27	21,806	0,25
	Dec. 66	21,714	45 59,67
1793	Jan. 0	9 17 24,692	— 7 46 15,07
	Apr. 10	24,601	14,47
	Jul. 19	24,512	13,84
	Oct. 27	24,426	13,18
	Dec. 66	24,342	12,48
1794	Jan. 0	9 17 27,318	— 7 46 27,92
	Apr. 10	27,237	27,21
	Jul. 19	27,162	26,50
	Oct. 27	27,093	25,78
	Dec. 66	27,029	25,06
1795	Jan. 0	9 17 29,997	— 7 46 40,51
	Apr. 10	29,938	39,79
	Jul. 19	29,886	39,08
	Oct. 27	29,841	38,39
	Dec. 66	29,804	37,71
1796	Jan. 1	9 17 32,763	— 7 46 53,14
	Apr. 10	32,731	52,49
	Jul. 19	32,708	51,87
	Oct. 27	32,693	51,28
	Dec. 66	32,686	50,73
1797	Jan. 0	9 17 35,635	— 7 47 6,12
	Apr. 10	35,634	5,61
	Jul. 19	35,641	5,14
	Oct. 27	35,656	4,73
	Dec. 66	35,679	4,36
1798	Jan. 0	9 17 38,618	— 7 47 19,69
	Apr. 10	38,647	19,35
	Jul. 19	38,683	19,08
	Oct. 27	38,726	18,89
	Dec. 66	38,776	18,76
1799	Jan. 0	9 17 41,706	— 7 47 34,01
	Apr. 10	41,761	33,91
	Jul. 19	41,822	33,88
	Oct. 27	41,887	33,91
	Dec. 66	41,958	34,00
1800	Jan. 0	9 17 44,882	— 7 47 49,1
	Apr. 10	44,957	49,3
	Jul. 19	45,035	49,5
	Oct. 27	45,116	49,7
	Dec. 66	45,201	50,0
1801	Jan. 0	9 17 48,120	— 7 48 5,1
	Apr. 10	48,207	5,5
	Jul. 19	48,294	5,9
	Oct. 27	48,383	6,3
	Dec. 66	48,472	6,8
1802	Jan. 0	9 17 51,390	— 7 48 21,9
	Apr. 10	51,479	22,4
	Jul. 19	51,566	23,0
	Oct. 27	51,652	23,6
	Dec. 66	51,736	24,2
1803	Jan. 0	9 17 54,656	— 7 48 39,2
	Apr. 10	54,738	39,8
	Jul. 19	54,816	40,5
	Oct. 27	54,891	41,2
	Dec. 66	54,961	41,9
1804	Jan. 1	9 17 57,885	— 7 48 56,9
	Apr. 10	57,952	57,6
	Jul. 19	58,013	58,3
	Oct. 27	58,067	59,0
	Dec. 66	58,116	59,7
1805	Jan. 0	9 18 1,048	— 7 49 14,7
	Apr. 10	1,092	15,4
	Jul. 19	1,128	16,0
	Oct. 27	1,156	16,7
	Dec. 66	1,177	17,3
1806	Jan. 0	9 18 4,118	— 7 49 32,3
	Apr. 10	4,134	32,9
	Jul. 19	4,141	33,4
	Oct. 27	4,139	33,9
	Dec. 66	4,129	34,4
1807	Jan. 0	9 18 7,081	— 7 49 49,5
	Apr. 10	7,065	49,9
	Jul. 19	7,041	50,3
	Oct. 27	7,009	50,6
	Dec. 66	6,969	50,8
1808	Jan. 1	9 18 9,931	— 7 50 6,0
	Apr. 10	9,885	6,2
	Jul. 19	9,833	6,3
	Oct. 27	9,773	6,3
	Dec. 66	9,707	6,3
1809	Jan. 0	9 18 12,678	— 7 50 21,6
	Apr. 10	12,607	21,5
	Jul. 19	12,532	21,4
	Oct. 27	12,452	21,2
	Dec. 66	12,367	21,0

Tabulae X. Sect. III. *α Hydrae.*

1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
″	″	″	″				h ′ ″	° ′ ″
+1,058	+24,6	— 0,02	—22,5	—2	+2	1790	9 17 15,9862	— 7 45 24,717
+1,286	+20,6	— 2,24	—21,7	—1	+1	1791	17 18,9341	45 39,910
+1,470	+16,0	— 4,35	—20,3	—1	+1	1792	17 21,8820	45 55,105
+1,606	+11,1	— 6,29	—18,4	0	+1	1793	17 24,8299	46 10,303
+1,692	+ 6,2	— 8,03	—16,3	0	0	1794	17 27,7778	46 25,504
						1795	17 30,7256	46 40,707
+1,729	+ 1,4	— 9,54	—13,9	+1	0	1796	17 33,6734	46 55,913
+1,720	— 3,0	—10,80	—11,4	+1	0	1797	17 36,6212	47 11,122
+1,669	— 6,8	—11,81	— 8,8	+1	—1	1798	17 39,5690	47 26,334
+1,584	— 9,9	—12,56	— 6,4	+2	—1	1799	17 42,5168	47 41,548
+1,472	—12,1	—13,08	— 4,0	+2	—1	1800	17 45,4646	47 56,765
						1801	17 48,4124	48 11,985
+1,342	—13,5	—13,36	— 1,7	+2	—2	1802	17 51,3601	48 27,207
+1,202	—14,1	—13,42	+ 0,4	+3	—2	1803	17 54,3078	48 42,433
+1,060	—14,0	—13,28	+ 2,4	+3	—2	1804	17 57,2555	48 57,661
+0,922	—13,3	—12,94	+ 4,3	+3	—2	1805	18 0,2032	49 12,891
+0,796	—12,0	—12,42	+ 6,0	+3	—2	1806	18 3,1509	49 28,125
						1807	18 6,0986	49 43,361
+0,685	—10,2	—11,74	+ 7,6	+3	—2	1808	18 9,0463	49 58,600
+0,593	— 8,1	—10,91	+ 9,0	+2	—3	1809	18 11,9939	50 13,841
+0,524	— 5,8	— 9,95	+10,1	+2	—3	1810	18 14,9415	50 29,086
+0,477	— 3,4	— 8,89	+11,1	+2	—3			
+0,456	— 0,9	— 7,74	+11,7	+1	—3			
+0,460	+ 1,8	— 6,56	+11,9	+1	—3			
+0,491	+ 4,4	— 5,37	+11,6	+1	—3			
+0,548	+ 7,1	— 4,24	+10,9	0	—2			
+0,633	+ 9,9	— 3,20	+ 9,7	0	—2			
+0,745	+12,7	— 2,31	+ 7,9	—1	—2			
+0,887	+15,7	— 1,62	+ 5,6	—1	—2			
+1,058	+18,5	— 1,19	+ 2,8	—2	—2			
+1,257	+21,4	— 1,06	— 0,3	—2	—2			
+1,485	+24,2	— 1,25	— 3,7	—2	—1			
+1,740	+26,7	— 1,80	— 7,3	—3	—1			
+2,019	+28,9	— 2,70	— 9,7	—3	—1			
+2,317	+30,5	— 3,94	—14,0	—3	—1			
+2,629	+31,5	— 5,50	—17,0	—3	—1			
+2,947	+31,7	— 7,34	—19,4	—3	—1			
+3,262	+30,9	— 9,38	—21,2	—3	—1			
+3,565	+29,2	—11,57	—22,3	—3	—1			
+3,846	+26,6	—13,83	—22,6	—2	—1			
+4,097	+23,2	—16,08	—22,3	—2	—1			

Diei reducto addendum est:

ante } Aug. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Leonis.*

1790	Jan. 0	h 9 57′ 11″,033	+12° 59′ 4″,44	1800	Jan. 0	h 9 57′ 41″,915	+12° 56′
	Apr. 10	10,953	4,52		Apr. 10	42,005	
	Jul. 19	10,869	4,66		Jul. 19	42,098	
	Oct. 27	10,779	4,86		Oct. 27	42,192	
	Dec. 66	10,685	5,13		Dec. 66	42,289	
1791	Jan. 0	9 57 13,925	+12 58 47,80	1801	Jan. 0	9 57 45,464	+12 56
	Apr. 10	13,828	48,11		Apr. 10	45,562	
	Jul. 19	13,729	48,47		Jul. 19	45,659	
	Oct. 27	13,628	48,88		Oct. 27	45,756	
	Dec. 66	13,526	49,35		Dec. 66	45,852	
1792	Jan. 1	9 57 16,769	+12 58 31,95	1802	Jan. 0	9 57 49,027	+12 55
	Apr. 10	16,666	32,45		Apr. 10	49,122	
	Jul. 19	16,564	32,99		Jul. 19	49,214	
	Oct. 27	16,464	33,56		Oct. 27	49,303	
	Dec. 66	16,366	34,18		Dec. 66	49,388	
1793	Jan. 0	9 57 19,607	+12 58 16,72	1803	Jan. 0	9 57 52,567	+12 55
	Apr. 10	19,511	17,36		Apr. 10	52,649	
	Jul. 19	19,419	18,01		Jul. 19	52,726	
	Oct. 27	19,332	18,68		Oct. 27	52,797	
	Dec. 66	19,250	19,37		Dec. 66	52,862	
1794	Jan. 0	9 57 22,485	+12 58 1,89	1804	Jan. 1	9 57 56,048	+12 55
	Apr. 10	22,407	2,58		Apr. 10	56,109	
	Jul. 19	22,336	3,26		Jul. 19	56,162	
	Oct. 27	22,272	3,94		Oct. 27	56,207	
	Dec. 66	22,216	4,62		Dec. 66	56,245	
1795	Jan. 0	9 57 25,442	+12 57 47,14	1805	Jan. 0	9 57 59,441	+12 54
	Apr. 10	25,391	47,80		Apr. 10	59,473	
	Jul. 19	25,349	48,44		Jul. 19	59,496	
	Oct. 27	25,316	49,05		Oct. 27	59,510	
	Dec. 66	25,291	49,64		Dec. 66	59,516	
1796	Jan. 1	9 57 28,507	+12 57 32,20	1806	Jan. 0	9 58 2,722	+12 54
	Apr. 10	28,488	32,76		Apr. 10	2,722	
	Jul. 19	28,479	33,27		Jul. 19	2,712	
	Oct. 27	28,479	33,75		Oct. 27	2,693	
	Dec. 66	28,489	34,18		Dec. 66	2,665	
1797	Jan. 0	9 57 31,693	+12 57 16,79	1807	Jan. 0	9 58 5,882	+12 54
	Apr. 10	31,709	17,18		Apr. 10	5,848	
	Jul. 19	31,733	17,52		Jul. 19	5,806	
	Oct. 27	31,766	17,81		Oct. 27	5,755	
	Dec. 66	31,808	18,04		Dec. 66	5,696	
1798	Jan. 0	9 57 35,001	+12 57 0,71	1808	Jan. 1	9 58 8,923	+12 53
	Apr. 10	35,048	0,91		Apr. 10	8,859	
	Jul. 19	35,102	1,04		Jul. 19	8,788	
	Oct. 27	35,164	1,11		Oct. 27	8,711	
	Dec. 66	35,233	1,12		Dec. 66	8,627	
1799	Jan. 0	9 57 38,417	+12 56 43,86	1809	Jan. 0	9 58 11,862	+12 53
	Apr. 10	38,490	43,83		Apr. 10	11,774	
	Jul. 19	38,567	43,75		Jul. 19	11,683	
	Oct. 27	38,650	43,60		Oct. 27	11,588	
	Dec. 66	38,738	43,39		Dec. 66	11,489	

Tabulae X. Sect. III. *α Leonis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
0	+0,896	+28,7	− 5,22	−14,8	−3	+1	1790	9 57 10,3165	+12 59 11,828
10	+1,167	+25,2	− 6,59	−12,5	−2	0	1791	57 13,5250	58 54,587
20	+1,400	+21,0	− 7,72	−10,0	−2	0	1792	57 16,7333	58 37,344
30	+1,587	+16,3	− 8,58	− 7,3	−2	−1	1793	57 19,9416	58 20,098
9	+1,725	+11,3	− 9,18	− 4,7	−1	−1	1794	57 23,1497	58 2,850
							1795	57 26,3578	57 45,599
19	+1,812	+ 6,3	− 9,51	− 2,1	0	−1	1796	57 29,5657	57 28,346
1	+1,851	+ 1,6	− 9,60	+ 0,2	0	−2	1797	57 32,7736	57 11,091
11	+1,843	− 2,8	− 9,48	+ 2,1	+1	−2	1798	57 35,9813	56 53,834
21	+1,796	− 6,3	− 9,19	+ 3,6	+1	−2	1799	57 39,1890	56 36,574
31	+1,718	− 9,1	− 8,77	+ 4,7	+2	−2	1800	57 42,3965	56 19,312
							1801	57 45,6039	56 2,048
10	+1,614	−11,2	− 8,26	+ 5,4	+2	−3	1802	57 48,8113	55 44,781
20	+1,494	−12,4	− 7,69	+ 5,8	+2	−3	1803	57 52,0185	55 27,512
30	+1,366	−12,9	− 7,11	+ 5,8	+3	−3	1804	57 55,2257	55 10,241
10	+1,237	−12,7	− 6,53	+ 5,7	+3	−2	1805	57 58,4327	54 52,966
20	+1,113	−11,9	− 5,98	+ 5,4	+3	−2	1806	58 1,6396	54 35,690
							1807	58 4,8464	54 18,412
30	+1,000	−10,6	− 5,47	+ 4,9	+3	−2	1808	58 8,0531	54 1,131
9	+0,901	− 9,0	− 5,02	+ 4,2	+3	−2	1809	58 11,2597	53 43,848
19	+0,820	− 7,1	− 4,63	+ 3,5	+2	−2	1810	58 14,4663	53 26,563
29	+0,759	− 5,1	− 4,32	+ 2,8	+2	−2			
9	+0,719	− 2,9	− 4,08	+ 1,9	+2	−1			
19	+0,701	− 0,6	− 3,94	+ 0,9	+1	−1			
29	+0,707	+ 1,9	− 3,91	− 0,3	+1	−1			
8	+0,738	+ 4,4	− 4,00	− 1,6	0	−1			
18	+0,795	+ 7,1	− 4,22	− 3,0	0	−1			
28	+0,879	+ 9,8	− 4,60	− 4,7	−1	0			
7	+0,991	+12,7	− 5,15	− 6,5	−1	0			
7	+1,133	+15,8	− 5,90	− 8,5	−2	0			
7	+1,306	+18,9	− 6,84	−10,5	−2	0			
7	+1,510	+22,0	− 7,99	−12,5	−3	0			
7	+1,746	+25,1	− 9,34	−14,4	−3	0			
17	+2,011	+27,8	−10,87	−16,1	−4	0			
6	+2,302	+30,2	−12,55	−17,4	−4	0			
6	+2,614	+32,0	−14,34	−18,2	−4	0			
6	+2,941	+33,0	−16,19	−18,6	−4	0			
6	+3,274	+33,1	−18,05	−18,3	−4	−1			
6	+3,603	+32,3	−19,85	−17,4	−4	−1			
6	+3,919	+30,4	−21,53	−15,9	−4	−1			
6	+4,210	+27,5	−23,03	−14,0	−4	−2			

Diei reducto addendum est:

ante / post } Aug. 20 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Leonis*.

		α	δ
1790	Jan. 0	11 38 20,849	+15 44 36,88
	Apr. 10	20,768	37,27
	Jul. 19	20,684	37,70
	Oct. 27	20,695	38,17
	Dec. 66	20,501	38,68
1791	Jan. 0	11 38 23,602	+15 44 18,43
	Apr. 10	23,506	18,97
	Jul. 19	23,409	19,53
	Oct. 27	23,311	19,11
	Dec. 66	23,212	20,72
1792	Jan. 1	11 38 26,314	+15 44 0,44
	Apr. 10	26,215	1,06
	Jul. 19	26,117	1,69
	Oct. 27	26,022	2,32
	Dec. 66	25,928	2,95
1793	Jan. 0	11 38 29,028	+15 43 42,67
	Apr. 10	28,937	43,30
	Jul. 19	28,851	43,91
	Oct. 27	28,770	44,51
	Dec. 66	28,693	45,09
1794	Jan. 0	11 38 31,787	+15 43 24,83
	Apr. 10	31,714	25,40
	Jul. 19	31,649	25,92
	Oct. 27	31,591	26,42
	Dec. 66	31,541	26,88
1795	Jan. 0	11 38 34,626	+15 43 6,65
	Apr. 10	34,581	7,08
	Jul. 19	34,545	7,47
	Oct. 27	34,518	7,80
	Dec. 66	34,499	8,09
1796	Jan. 1	11 38 37,573	+15 42 47,93
	Apr. 10	37,560	47,18
	Jul. 19	37,556	48,38
	Oct. 27	37,561	48,52
	Dec. 66	37,576	48,61
1797	Jan. 0	11 38 40,639	+15 42 28,51
	Apr. 10	40,659	28,56
	Jul. 19	40,688	28,55
	Oct. 27	40,724	28,48
	Dec. 66	40,769	28,36
1798	Jan. 0	11 38 43,822	+15 42 8,33
	Apr. 10	43,872	8,17
	Jul. 19	43,929	7,97
	Oct. 27	43,992	7,71
	Dec. 66	44,062	7,40
1799	Jan. 0	11 38 47,107	+15 41 47,43
	Apr. 10	47,181	47,09
	Jul. 19	47,259	46,70
	Oct. 27	47,341	46,28
	Dec. 66	47,428	45,82
1800	Jan. 0	11 38 50,467	+15 41 25,
	Apr. 10	50,556	25,
	Jul. 19	50,647	24
	Oct. 27	50,740	24,
	Dec. 66	50,834	23,
1801	Jan. 0	11 38 53,871	+15 41 3,
	Apr. 10	53,966	3,
	Jul. 19	54,060	2,
	Oct. 27	54,153	2,
	Dec. 66	54,245	1,
1802	Jan. 0	11 38 57,283	+15 40 41,
	Apr. 10	57,374	41,
	Jul. 19	57,461	40,
	Oct. 27	57,545	39,
	Dec. 66	57,625	39,
1803	Jan. 0	11 39 0,667	+15 40 19,
	Apr. 10	0,744	18,
	Jul. 19	0,815	18,
	Oct. 27	0,881	17,
	Dec. 66	0,940	17,
1804	Jan. 1	11 39 3,989	+15 39 57,
	Apr. 10	4,044	56,
	Jul. 19	4,092	56,
	Oct. 27	4,131	56,
	Dec. 66	4,163	55,
1805	Jan. 0	11 39 7,222	+15 39 35,
	Apr. 10	7,248	35,
	Jul. 19	7,266	35,
	Oct. 27	7,275	34,
	Dec. 66	7,276	34,
1806	Jan. 0	11 39 10,345	+15 39 14,
	Apr. 10	10,339	14,
	Jul. 19	10,325	14,
	Oct. 27	10,302	14,
	Dec. 66	10,270	14,
1807	Jan. 0	11 39 13,350	+15 38 54,
	Apr. 10	13,313	54,
	Jul. 19	13,267	54,
	Oct. 27	13,213	54,
	Dec. 66	13,152	55,
1808	Jan. 1	11 39 16,242	+15 38 34,
	Apr. 10	16,176	35,
	Jul. 19	16,104	35,
	Oct. 27	16,026	35,
	Dec. 66	15,942	36,
1809	Jan. 0	11 39 19,038	+15 38 16,
	Apr. 10	18,951	16,
	Jul. 19	18,860	16,
	Oct. 27	18,767	17,
	Dec. 66	18,670	18,

Tabulae X. Sect. III. *β Leonis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
0	+0″,359	+33,2	− 6″,82	−18,3	−3	+2	1790	11 38 20″,1956	+15 44 42″,380
10	+0,683	+31,3	− 8,52	−15,6	−3	+1	1791	38 23,2649	44 22,307
20	+0,985	+28,6	− 9,94	−12,6	−3	+1	1792	38 26,3342	44 2,234
30	+1,254	+25,0	−11,04	− 9,3	−3	0	1793	38 29,4034	43 42,161
.9	+1,484	+20,8	−11,79	− 5,8	−2	0	1794	38 32,4725	43 22,087
							1795	38 35,5416	43 2,013
19	+1,670	+16,4	−12,20	− 2,5	−2	−1	1796	38 38,6106	42 41,938
. 1	+1,811	+11,8	−12,28	+ 0,7	−1	−1	1797	38 41,6795	42 21,863
11	+1,906	+ 7,4	−12,06	+ 3,5	−1	−1	1798	38 44,7483	42 1,788
21	+1,958	+ 3,3	−11,59	+ 5,7	0	−2	1799	38 47,8170	41 41,712
31	+1,972	− 0,4	−10,92	+ 7,5	0	−2	1800	38 50,8856	41 21,636
							1801	38 53,9542	41 1,560
10	+1,951	− 3,5	−10,09	+ 8,7	+1	−2	1802	38 57,0227	40 41,483
20	+1,903	− 5,9	− 9,18	+ 9,4	+1	−2	1803	39 0,0911	40 21,406
30	+1,833	− 7,9	− 8,22	+ 9,6	+2	−2	1804	39 3,1594	40 1,329
10	+1,746	− 9,2	− 7,27	+ 9,3	+2	−2	1805	39 6,2277	39 41,251
20	+1,649	−10,1	− 6,36	+ 8,7	+2	−2	1806	39 9,2959	39 21,173
							1807	39 12,3640	39 1,095
30	+1,545	−10,5	− 5,53	+ 7,8	+3	−2	1808	39 15,4320	38 41,016
n 9	+1,440	−10,5	− 4,81	+ 6,6	+3	−2	1809	39 18,5000	38 20,937
9	+1,336	−10,4	− 4,21	+ 5,3	+3	−2	1810	39 21,5679	38 0,856
29	+1,236	− 9,7	− 3,75	+ 3,8	+3	−2			
9	+1,142	− 8,9	− 3,45	+ 2,2	+3	−1			
9	+1,058	− 7,8	− 3,31	+ 0,6	+2	−1			
9	+0,986	− 6,5	− 3,34	− 1,3	+2	−1			
8	+0,928	− 4,9	− 3,56	− 3,1	+2	0			
8	+0,889	− 2,8	− 3,96	− 5,1	+1	0			
8	+0,872	− 0,5	− 4,57	− 7,2	+1	0			
7	+0,880	+ 2,3	− 5,39	− 9,3	0	0			
7	+0,918	+ 5,5	− 6,43	−11,5	0	+1			
7	+0,989	+ 9,0	− 7,69	−13,7	−1	+1			
7	+1,098	+12,9	− 9,17	−15,9	−1	+1			
7	+1,246	+16,8	−10,86	−17,9	−2	+2			
7	+1,434	+20,8	−12,75	−19,7	−2	+2			
6	+1,662	+24,6	−14,80	−21,1	−3	+2			
6	+1,926	+28,0	−16,97	−22,1	−3	+2			
6	+2,222	+30,8	−19,21	−22,5	−4	+2			
6	+2,542	+32,8	−21,46	−22,2	−4	+2			
6	+2,877	+33,8	−23,65	−21,3	−4	+2			
6	+3,217	+33,7	−25,71	−19,6	−4	+2			
6	+3,551	+32,7	−27,57	−17,4	−4	+1			

Diei reducto addendum est:

ante / post } Sept. 16 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Virginis.*

1790	Jan. 0	11 39 46,125	+ 2 56 45,87	1800	Jan. 0	11 40 16,103	+ 2 53 32,7
	Apr. 10	46,054	46,26		Apr. 10	16,185	32,2
	Jul. 19	45,978	46,69		Jul. 19	16,270	31,7
	Oct. 27	45,897	47,17		Oct. 27	16,358	31,2
	Dec. 66	45,811	47,68		Dec. 66	16,449	30,6
1791	Jan. 0	11 39 48,965	+ 2 56 27,23	1801	Jan. 0	11 40 19,543	+ 2 53 10,5
	Apr. 10	48,876	27,77		Apr. 10	19,634	9,9
	Jul. 19	48,784	28,33		Jul. 19	19,726	9,3
	Oct. 27	48,690	28,92		Oct. 27	19,818	8,7
	Dec. 66	48,593	29,53		Dec. 66	19,911	8,1
1792	Jan. 1	11 39 51,750	+ 2 56 9,04	1802	Jan. 0	11 40 23,004	+ 2 52 48,1
	Apr. 10	51,453	9,66		Apr. 10	23,096	47,5
	Jul. 19	51,556	10,28		Jul. 19	23,185	46,9
	Oct. 27	51,461	10,91		Oct. 27	23,272	46,3
	Dec. 66	51,366	11,55		Dec. 66	23,356	45,7
1793	Jan. 0	11 39 54,522	+ 2 55 51,06	1803	Jan. 0	11 40 26,453	+ 2 52 25,6
	Apr. 10	54,428	51,69		Apr. 10	26,535	25,0
	Jul. 19	54,338	52,30		Jul. 19	26,612	24,5
	Oct. 27	54,252	52,89		Oct. 27	26,684	24,0
	Dec. 66	54,170	53,47		Dec. 66	26,751	23,5
1794	Jan. 0	11 39 57,322	+ 2 55 33,00	1804	Jan. 1	11 40 29,854	+ 2 52 3,3
	Apr. 10	57,243	33,56		Apr. 10	29,917	2,9
	Jul. 19	57,170	34,09		Jul. 19	29,974	2,4
	Oct. 27	57,104	34,58		Oct. 27	30,023	2,0
	Dec. 66	57,045	35,04		Dec. 66	30,066	1,7
1795	Jan. 0	11 40 0,188	+ 2 55 14,61	1805	Jan. 0	11 40 33,177	+ 2 51 41,5
	Apr. 10	0,134	15,04		Apr. 10	33,215	41,2
	Jul. 19	0,087	15,42		Jul. 19	33,244	40,9
	Oct. 27	0,048	15,75		Oct. 27	33,265	40,7
	Dec. 66	0,018	16,04		Dec. 66	33,278	40,5
1796	Jan. 1	11 40 3,152	+ 2 54 55,67	1806	Jan. 0	11 40 36,399	+ 2 51 20,3
	Apr. 10	3,127	55,92		Apr. 10	36,406	20,2
	Jul. 19	3,111	56,11		Jul. 19	36,405	20,1
	Oct. 27	3,104	56,24		Oct. 27	36,394	20,1
	Dec. 66	3,105	56,32		Dec. 66	36,375	20,1
1797	Jan. 0	11 40 6,228	+ 2 54 36,02	1807	Jan. 0	11 40 39,507	+ 2 50 59,8
	Apr. 10	6,236	36,06		Apr. 10	39,482	59,9
	Jul. 19	6,252	36,05		Jul. 19	39,449	51 0,0
	Oct. 27	6,276	35,98		Oct. 27	39,408	0,2
	Dec. 66	6,308	35,85		Dec. 66	39,358	0,4
1798	Jan. 0	11 40 9,421	+ 2 54 15,62	1808	Jan. 1	11 40 42,500	+ 2 50 40,1
	Apr. 10	9,460	15,46		Apr. 10	42,445	40,3
	Jul. 19	9,505	15,24		Jul. 19	42,383	40,7
	Oct. 27	9,557	14,98		Oct. 27	42,315	41,1
	Dec. 66	9,616	14,66		Dec. 66	42,240	41,5
1799	Jan. 0	11 40 12,720	+ 2 53 54,49	1809	Jan. 0	11 40 45,390	+ 2 50 21,1
	Apr. 10	12,784	54,15		Apr. 10	45,311	21,5
	Jul. 19	12,853	53,76		Jul. 19	45,228	22,0
	Oct. 27	12,927	53,33		Oct. 27	45,141	22,5
	Dec. 66	13,006	52,87		Dec. 66	45,050	23,1

Tabulae X. Sect. III. *β Virginis.*

	1800		1800		Var. 10 annor.	
	″		″			
0	+0,346	+32,5	— 2,56	—20,9	—3	+2
10	+0,663	+30,6	— 4,58	—19,5	—3	+2
20	+0,957	+27,9	— 6,45	—17,6	—3	+2
30	+1,220	+24,4	— 8,10	—15,2	—2	+1
9	+1,444	+20,4	— 9,49	—12,6	—2	+1
19	+1,627	+16,1	—10,61	— 9,8	—1	+1
1	+1,766	+11,7	—11,45	— 7,1	—1	0
11	+1,861	+ 7,5	—12,02	— 4,4	0	0
21	+1,916	+ 3,7	—12,33	— 2,0	0	—1
31	+1,935	+ 0,3	—12,41	+ 0,2	+1	—1
10	+1,922	— 2,6	—12,30	+ 2,0	+1	—1
20	+1,883	— 5,0	—12,02	+ 3,4	+2	—1
30	+1,823	— 6,8	—11,62	+ 4,5	+2	—2
10	+1,748	— 8,0	—11,13	+ 5,3	+2	—2
20	+1,663	— 8,9	—10,57	+ 5,8	+3	—2
30	+1,571	— 9,4	— 9,98	+ 6,0	+3	—2
9	+1,476	— 9,5	— 9,37	+ 6,1	+3	—2
19	+1,382	— 9,3	— 8,77	+ 6,0	+3	—2
29	+1,290	— 8,9	— 8,18	+ 5,8	+3	—2
9	+1,204	— 8,3	— 7,62	+ 5,3	+3	—2
19	+1,125	— 7,4	— 7,12	+ 4,7	+3	—2
29	+1,057	— 6,1	— 6,69	+ 3,9	+2	—1
8	+1,003	— 4,6	— 6,35	+ 2,8	+2	—1
18	+0,965	— 2,7	— 6,13	+ 1,5	+2	—1
28	+0,949	— 0,4	— 6,05	0,0	+1	—1
7	+0,957	+ 2,3	— 6,13	— 1,9	+1	—1
17	+0,995	+ 5,5	— 6,42	— 4,0	0	0
27	+1,067	+ 9,0	— 6,92	— 6,3	0	0
7	+1,174	+12,7	— 7,67	— 8,8	—1	0
17	+1,321	+16,7	— 8,68	—11,4	—1	+1
27	+1,508	+20,7	— 9,95	—13,9	—2	+1
6	+1,734	+24,4	—11,46	—16,3	—2	+1
16	+1,995	+27,7	—13,21	—18,4	—3	+2
26	+2,287	+30,4	—15,14	—20,0	—3	+2
6	+2,602	+32,3	—17,21	—21,1	—3	+2
16	+2,932	+33,2	—19,36	—21,6	—3	+2
26	+3,265	+33,0	—21,52	—21,3	—3	+2
36	+3,592	+31,9	—23,62	—20,4	—3	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	11 39 45,3852	+ 2 56 51,333
1791	39 48,5098	56 31,054
1792	39 51,6344	56 10,774
1793	39 54,7590	55 50,494
1794	39 57,8836	55 30,214
1795	40 1,0082	55 9,935
1796	40 4,1328	54 49,652
1797	40 7,2573	54 29,371
1798	40 10,3819	54 9,089
1799	40 13,5064	53 48,807
1800	40 16,6310	53 28,525
1801	40 19,7555	53 8,242
1802	40 22,8801	52 47,959
1803	40 26,0046	52 27,676
1804	40 29,1292	52 7,392
1805	40 32,2537	51 47,108
1806	40 35,3782	51 26,824
1807	40 38,5027	51 6,539
1808	40 41,6272	50 46,254
1809	40 44,7517	50 25,969
1810	40 47,8762	50 5,684

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	13 14 9,927	— 10 3 38,92	1800	Jan. 0	13 14 39,856	— 10 6 45,
	Apr. 10	9,864	38,31		Apr. 10	39,934	46,
	Jul. 19	9,794	37,69		Jul. 19	40,016	47,
	Oct. 27	9,718	37,05		Oct. 27	40,102	47,
	Dec. 66	9,636	36,39		Dec. 66	40,192	48,
1791	Jan. 0	13 14 12,806	— 10 3 55,63	1801	Jan. 0	13 14 43,304	— 10 7 7,
	Apr. 10	12,720	55,03		Apr. 10	43,396	7,
	Jul. 19	12,631	54,38		Jul. 19	43,489	8,
	Oct. 27	12,538	53,74		Oct. 27	43,583	8,
	Dec. 66	12,441	53,10		Dec. 66	43,678	9,
1792	Jan. 1	13 14 15,615	— 10 4 12,38	1802	Jan. 0	13 14 46,789	— 10 7 28,
	Apr. 10	15,517	11,76		Apr. 10	46,884	28,
	Jul. 19	15,418	11,16		Jul. 19	46,979	29,
	Oct. 27	15,319	10,59		Oct. 27	47,071	29,
	Dec. 66	15,220	10,05		Dec. 66	47,162	30,
1793	Jan. 0	13 14 18,395	— 10 4 29,30	1803	Jan. 0	13 14 50,275	— 10 7 49,
	Apr. 10	18,296	28,78		Apr. 10	50,364	49,
	Jul. 19	18,200	28,31		Jul. 19	50,449	49,
	Oct. 27	18,107	27,89		Oct. 27	50,530	50,
	Dec. 66	18,017	27,51		Dec. 66	50,607	50,
1794	Jan. 0	13 14 21,189	— 10 4 46,70	1804	Jan. 1	13 14 53,726	— 10 8 9,
	Apr. 10	21,101	46,35		Apr. 10	53,799	9,
	Jul. 19	21,019	46,06		Jul. 19	53,866	9,
	Oct. 27	20,943	45,83		Oct. 27	53,927	9,
	Dec. 66	20,873	45,66		Dec. 66	53,981	9,
1795	Jan. 0	13 14 24,038	— 10 5 4,77	1805	Jan. 0	13 14 57,107	— 10 8 29,
	Apr. 10	23,972	4,64		Apr. 10	57,157	29,
	Jul. 19	23,914	4,56		Jul. 19	57,198	28,
	Oct. 27	23,864	4,55		Oct. 27	57,232	28,
	Dec. 66	23,821	4,59		Dec. 66	57,257	28,
1796	Jan. 1	13 14 26,977	— 10 5 23,63	1806	Jan. 0	13 15 0,393	— 10 8 47,
	Apr. 10	26,940	23,72		Apr. 10	0,412	47,
	Jul. 19	26,911	23,86		Jul. 19	0,423	47,
	Oct. 27	26,892	24,06		Oct. 27	0,424	47,
	Dec. 66	26,881	24,32		Dec. 66	0,417	46,
1797	Jan. 0	13 14 30,026	— 10 5 43,29	1807	Jan. 0	13 15 3,564	— 10 9 5,
	Apr. 10	30,022	43,59		Apr. 10	3,550	5,
	Jul. 19	30,026	43,93		Jul. 19	3,528	5,
	Oct. 27	30,039	44,32		Oct. 27	3,497	4,
	Dec. 66	30,061	44,75		Dec. 66	3,457	4,
1798	Jan. 0	13 14 33,195	— 10 6 3,66	1808	Jan. 1	13 15 6,615	— 10 9 23,
	Apr. 10	33,223	4,12		Apr. 10	6,569	22,
	Jul. 19	33,258	4,62		Jul. 19	6,516	22,
	Oct. 27	33,302	5,15		Oct. 27	6,455	21,
	Dec. 66	33,353	5,71		Dec. 66	6,386	20,
1799	Jan. 0	13 14 36,478	— 10 6 24,58	1809	Jan. 0	13 15 9,554	— 10 9 40,
	Apr. 10	36,534	25,16		Apr. 10	9,481	39,
	Jul. 19	36,596	25,75		Jul. 19	9,402	38,
	Oct. 27	36,664	26,36		Oct. 27	9,318	38,
	Dec. 66	36,739	26,98		Dec. 66	9,229	37,

Tabulae X. Sect. III. *α Virginis.*

	1800		1800		Var. 10 annor.	
	″	″	″	″		
Ja. 0	−0,198	+33,4	+ 2,16	−20,1	−3	+2
10	+0,136	+33,1	+ 0,13	−20,4	−3	+2
20	+0,464	+31,9	− 1,92	−20,2	−3	+2
30	+0,774	+29,8	− 3,90	−19,2	−3	+2
Febr. 9	+1,060	+27,1	− 5,76	−17,8	−2	+2
19	+1,315	+23,9	− 7,45	−15,9	−2	+2
Mrt. 1	+1,537	+20,4	− 8,94	−13,8	−2	+2
11	+1,722	+16,7	−10,21	−11,5	−1	+2
21	+1,871	+13,2	−11,24	− 9,2	0	+2
31	+1,986	+ 9,9	−12,05	− 7,0	0	+1
A. 10	+2,068	+ 6,7	−12,64	− 4,9	+1	+1
20	+2,120	+ 3,8	−13,03	− 3,0	+1	+1
30	+2,144	+ 1,2	−13,24	− 1,3	+2	+1
Mj. 10	+2,144	− 1,1	−13,29	+ 0,2	+2	0
20	+2,122	− 3,1	−13,20	+ 1,5	+3	0
30	+2,082	− 4,9	−13,00	+ 2,5	+3	0
Jn 9	+2,024	− 6,6	−12,69	+ 3,6	+3	0
19	+1,950	− 8,0	−12,29	+ 4,4	+3	−1
29	+1,864	− 9,2	−11,82	+ 5,0	+4	−1
Jn 9	+1,766	−10,2	−11,29	+ 5,6	+4	−1
19	+1,660	−10,8	−10,71	+ 6,0	+4	−1
29	+1,550	−11,1	−10,09	+ 6,3	+3	−1
Aug. 8	+1,439	−10,8	− 9,46	+ 6,3	+3	−1
18	+1,334	−10,0	− 8,84	+ 6,0	+3	−1
28	+1,239	− 8,7	− 8,26	+ 5,5	+3	−1
Sept. 7	+1,161	− 6,4	− 7,75	+ 4,6	+2	−1
17	+1,107	− 3,9	− 7,34	+ 3,3	+2	−1
27	+1,084	− 0,5	− 7,09	+ 1,6	+1	0
Oct. 7	+1,098	+ 3,5	− 7,02	− 0,5	+1	0
17	+1,153	+ 7,8	− 7,18	− 2,9	0	0
27	+1,254	+12,5	− 7,60	− 5,6	0	+1
Nov. 6	+1,402	+17,2	− 8,29	− 8,3	−1	+1
16	+1,597	+21,6	− 9,26	−11,1	−1	+2
26	+1,834	+25,6	−10,51	−13,8	−1	+2
Dec. 6	+2,109	+29,0	−12,02	−16,2	−2	+3
16	+2,413	+31,4	−13,75	−18,2	−2	+3
26	+2,737	+32,9	−15,65	−19,5	−2	+3
36	+3,071	+33,4	−17,65	−20,3	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	13 14 9,0804	− 10 3 36,190
1791	14 12,2224	3 55,262
1792	14 15,3645	4 14,333
1793	14 18,5067	4 33,402
1794	14 21,6491	4 52,470
1795	14 24,7916	5 11,535
1796	14 27,9342	5 30,600
1797	14 31,0769	5 49,663
1798	14 34,2197	6 8,725
1799	14 37,3626	6 27,785
1800	14 40,5057	6 46,843
1801	14 43,6488	7 5,900
1802	14 46,7921	7 24,955
1803	14 49,9355	7 44,009
1804	14 53,0790	8 3,061
1805	14 56,2225	8 22,112
1806	14 59,3662	8 41,161
1807	15 2,5100	9 0,209
1808	15 5,6539	9 19,255
1809	15 8,7979	9 38,300
1810	15 11,9422	9 57,343

Diei reducto addendum est:

ante } Oct. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Bootis.*

		h ′ ″	° ′ ″
1790	Jan. 0	14 6 5,853	+20 16 55,69
	Apr. 10	5,778	56,38
	Jul. 19	5,699	57,06
	Oct. 27	5,616	57,75
	Dec. 66	5,530	58,43
1791	Jan. 0	14 6 8,291	+20 16 39,13
	Apr. 10	8,203	39,81
	Jul. 19	8,114	40,46
	Oct. 27	8,024	41,09
	Dec. 66	7,934	41,69
1792	Jan. 1	14 6 10,696	+20 16 22,42
	Apr. 10	10,606	23,00
	Jul. 19	10,517	23,54
	Oct. 27	10,431	24,03
	Dec. 66	10,347	24,48
1793	Jan. 0	14 6 13,107	+20 16 5,27
	Apr. 10	13,025	5,68
	Jul. 19	12,948	6,03
	Oct. 27	12,876	6,33
	Dec. 66	12,808	6,57
1794	Jan. 0	14 6 15,562	+20 15 47,43
	Apr. 10	15,498	47,63
	Jul. 19	15,441	47,76
	Oct. 27	15,391	47,83
	Dec. 66	15,348	47,84
1795	Jan. 0	14 6 18,094	+20 15 28,78
	Apr. 10	18,056	28,74
	Jul. 19	18,026	28,64
	Oct. 27	18,004	28,48
	Dec. 66	17,990	28,25
1796	Jan. 1	14 6 20,726	+20 15 9,27
	Apr. 10	20,718	9,01
	Jul. 19	20,718	8,69
	Oct. 27	20,726	8,31
	Dec. 66	20,742	7,88
1797	Jan. 0	14 6 23,467	+20 14 48,97
	Apr. 10	23,489	48,51
	Jul. 19	23,518	48,01
	Oct. 27	23,554	47,47
	Dec. 66	23,598	46,90
1798	Jan. 0	14 6 26,315	+20 14 28,04
	Apr. 10	26,364	27,44
	Jul. 19	26,418	26,82
	Oct. 27	26,478	26,18
	Dec. 66	26,544	25,52
1799	Jan. 0	14 6 29,253	+20 14 6,69
	Apr. 10	29,323	6,02
	Jul. 19	29,396	5,36
	Oct. 27	29,473	4,69
	Dec. 66	29,553	4,02
1800	Jan. 0	14 6 32,257	+20 13 45,
	Apr. 10	32,340	44,
	Jul. 19	32,424	43,
	Oct. 27	32,509	43,
	Dec. 66	32,595	42,
1801	Jan. 0	14 6 35,298	+20 13 23,
	Apr. 10	35,385	23,
	Jul. 19	35,470	22,
	Oct. 27	35,555	22,
	Dec. 66	35,638	21,
1802	Jan. 0	14 6 38,342	+20 13 2,
	Apr. 10	38,424	2,
	Jul. 19	38,502	1,
	Oct. 27	38,577	1,
	Dec. 66	38,648	1,
1803	Jan. 0	14 6 41,357	+20 12 42,
	Apr. 10	41,425	42,
	Jul. 19	41,488	41,
	Oct. 27	41,545	41,
	Dec. 66	41,597	41,
1804	Jan. 1	14 6 44,313	+20 12 22,
	Apr. 10	44,360	22,
	Jul. 19	44,400	22,
	Oct. 27	44,434	22,
	Dec. 66	44,460	22,
1805	Jan. 0	14 6 47,184	+20 12 3,
	Apr. 10	47,205	3,
	Jul. 19	47,218	4,
	Oct. 27	47,223	4,
	Dec. 66	47,220	4,
1806	Jan. 0	14 6 49,954	+20 11 45,
	Apr. 10	49,946	45,
	Jul. 19	49,930	46,
	Oct. 27	49,906	46,
	Dec. 66	49,873	47,
1807	Jan. 0	14 6 52,617	+20 11 28,
	Apr. 10	52,580	28,
	Jul. 19	52,535	29,
	Oct. 27	52,484	29,
	Dec. 66	52,425	30,
1808	Jan. 1	14 6 55,178	+20 11 11,
	Apr. 10	55,115	11,
	Jul. 19	55,047	12,
	Oct. 27	54,974	13,
	Dec. 66	54,896	13,
1809	Jan. 0	14 6 57,655	+20 10 54,
	Apr. 10	57,573	55,
	Jul. 19	57,489	56,
	Oct. 27	57,403	56,
	Dec. 66	57,314	57,

Tabulae X. Sect. III. *α Bootis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
J. 0	−0,540	+32,0	− 7,60	−24,3	−3	+2	1790	14 6 5,2867	+20 16 56,682
10	−0,213	+32,9	− 9,91	−21,6	−3	+2	1791	6 8,0186	16 37,609
20	+0,118	+32,9	−11,92	−18,3	−3	+2	1792	6 10,7505	16 18,538
30	+0,445	+32,0	−13,57	−14,4	−3	+2	1793	6 13,4824	15 59,470
Febr. 9	+0,757	+30,1	−14,80	−10,1	−3	+1	1794	6 16,2144	15 40,403
							1795	6 18,9464	15 21,339
19	+1,047	+27,6	−15,59	− 5,7	−3	+1	1796	6 21,6784	15 2,277
März 1	+1,309	+24,7	−15,94	− 1,3	−2	+1	1797	6 24,4104	14 43,216
11	+1,540	+21,3	−15,84	+ 2,9	−2	0	1798	6 27,1424	14 24,158
21	+1,735	+17,8	−15,36	+ 6,7	−2	0	1799	6 29,8744	14 5,102
31	+1,895	+14,3	−14,51	+10,0	−1	0	1800	6 32,6064	13 46,049
							1801	6 35,3384	13 26,997
April 10	+2,020	+10,8	−13,37	+12,5	−1	−1	1802	6 38,0705	13 7,948
20	+2,111	+ 7,5	−12,01	+14,4	0	−1	1803	6 40,8026	12 48,901
30	+2,170	+ 4,4	−10,50	+15,5	0	−1	1804	6 43,5347	12 29,856
Mai 10	+2,199	+ 1,5	− 8,92	+15,9	+1	−1	1805	6 46,2667	12 10,813
20	+2,200	− 1,3	− 7,32	+15,8	+1	−1	1806	6 48,9988	11 51,772
							1807	6 51,7309	11 32,734
30	+2,174	− 3,8	− 5,77	+15,0	+1	−1	1808	6 54,4630	11 13,698
Juni 9	+2,125	− 6,0	− 4,33	+13,7	+2	−1	1809	6 57,1951	10 54,664
19	+2,054	− 8,1	− 3,04	+11,9	+2	−1	1810	6 59,9274	10 35,632
29	+1,963	−10,0	− 1,95	+ 9,9	+2	−1			
Juli 9	+1,854	−11,6	− 1,06	+ 7,6	+3	−1			
19	+1,731	−12,9	− 0,43	+ 5,1	+3	0			
29	+1,596	−13,8	− 0,05	+ 2,5	+3	0			
Aug. 8	+1,455	−14,2	+ 0,06	− 0,4	+3	0			
18	+1,312	−14,1	− 0,12	− 3,2	+3	0			
28	+1,173	−13,4	− 0,58	− 6,1	+3	+1			
Sept. 7	+1,045	−11,9	− 1,33	− 9,0	+2	+1			
17	+0,935	− 9,7	− 2,37	−11,9	+2	+2			
27	+0,851	− 6,8	− 3,71	−14,8	+2	+2			
Oct. 7	+0,799	− 3,2	− 5,33	−17,6	+1	+2			
17	+0,787	+ 1,0	− 7,23	−20,2	+1	+3			
27	+0,819	+ 5,7	− 9,37	−22,6	0	+3			
Nov. 6	+0,900	+10,6	−11,74	−24,6	0	+4			
16	+1,031	+15,5	−14,29	−26,2	−1	+4			
26	+1,210	+20,2	−16,97	−27,1	−1	+4			
Dec. 6	+1,435	+24,5	−19,71	−27,4	−2	+4			
16	+1,700	+28,1	−22,45	−26,9	−2	+5			
26	+1,996	+30,7	−25,09	−25,5	−2	+5			
36	+2,314	+32,5	−27,55	−23,4	−3	+4			

Diei reducto addendum est:

ante } Oct. 26 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. 1 *α Librae.*

		h ′ ″	° ′ ″
1790	Jan. 0	14 39 6,863	— 15 6 49,59
	Apr. 10	6,798	48,87
	Jul. 19	6,726	48,16
	Oct. 27	6,647	47,46
	Dec. 66	6,561	46,78
1791	Jan. 0	14 39 9,885	— 15 7 2,50
	Apr. 10	9,796	1,83
	Jul. 19	9,702	1,20
	Oct. 27	9,605	0,60
	Dec. 66	9,504	0,03
1792	Jan. 1	14 39 12,833	— 15 7 15,71
	Apr. 10	12,730	15,17
	Jul. 19	12,626	14,69
	Oct. 27	12,522	14,26
	Dec. 66	12,417	13,88
1793	Jan. 0	14 39 15,744	— 15 7 29,49
	Apr. 10	15,642	29,15
	Jul. 19	15,542	28,88
	Oct. 27	15,444	28,67
	Dec. 66	15,348	28,53
1794	Jan. 0	14 39 18,674	— 15 7 44,06
	Apr. 10	18,581	43,96
	Jul. 19	18,494	43,92
	Oct. 27	18,413	43,96
	Dec. 66	18,338	44,06
1795	Jan. 0	14 39 21,658	— 15 7 59,51
	Apr. 10	21,587	59,66
	Jul. 19	21,525	59,87
	Oct. 27	21,470	8 0,14
	Dec. 66	21,424	0,48
1796	Jan. 1	14 39 24,734	— 15 8 15,84
	Apr. 10	24,693	16,21
	Jul. 19	24,662	16,64
	Oct. 27	24,640	17,11
	Dec. 66	24,627	17,64
1797	Jan. 0	14 39 27,926	— 15 8 32,94
	Apr. 10	27,919	33,49
	Jul. 19	27,922	34,08
	Oct. 27	27,934	34,70
	Dec. 66	27,955	35,35
1798	Jan. 0	14 39 31,243	— 15 8 50,61
	Apr. 10	31,270	51,27
	Jul. 19	31,306	51,95
	Oct. 27	31,350	52,64
	Dec. 66	31,402	53,35
1799	Jan. 0	14 39 34,680	— 15 9 8,59
	Apr. 10	34,738	9,29
	Jul. 19	34,802	9,99
	Oct. 27	34,872	10,67
	Dec. 66	34,949	11,35

		h ′ ″	° ′ ″
1800	Jan. 0	14 39 38,219	—15 9 26,[illegible]
	Apr. 10	38,300	27,[illegible]
	Jul. 19	38,385	27,[illegible]
	Oct. 27	38,474	28,[illegible]
	Dec. 66	38,568	29,[illegible]
1801	Jan. 0	14 39 41,833	—15 9 44,[illegible]
	Apr. 10	41,929	44,[illegible]
	Jul. 19	42,026	45,[illegible]
	Oct. 27	42,124	45,[illegible]
	Dec. 66	42,224	46,[illegible]
1802	Jan. 0	14 39 45,487	—15 10 1,[illegible]
	Apr. 10	45,587	2,[illegible]
	Jul. 19	45,686	2,[illegible]
	Oct. 27	45,784	2,[illegible]
	Dec. 66	45,880	2,[illegible]
1803	Jan. 0	14 39 49,145	—15 10 18,[illegible]
	Apr. 10	49,239	18,4
	Jul. 19	49,329	18,[illegible]
	Oct. 27	49,415	18,[illegible]
	Dec. 66	49,497	18,[illegible]
1804	Jan. 1	14 39 52,767	—15 10 34,[illegible]
	Apr. 10	52,845	33,[illegible]
	Jul. 19	52,917	33,[illegible]
	Oct. 27	52,982	33,[illegible]
	Dec. 66	53,040	33,4
1805	Jan. 0	14 39 56,319	—15 10 49,[illegible]
	Apr. 10	56,372	48,[illegible]
	Jul. 19	56,417	48,3
	Oct. 27	56,454	47,[illegible]
	Dec. 66	56,482	47,[illegible]
1806	Jan. 0	14 39 59,770	—15 11 3,[illegible]
	Apr. 10	59,792	2,[illegible]
	Jul. 19	59,805	2,[illegible]
	Oct. 27	59,808	1,[illegible]
	Dec. 66	59,802	0,[illegible]
1807	Jan. 0	14 40 3,102	—15 11 16,[illegible]
	Apr. 10	3,089	15,[illegible]
	Jul. 19	3,067	15,3
	Oct. 27	3,035	14,[illegible]
	Dec. 66	2,996	13,[illegible]
1808	Jan. 1	14 40 6,307	—15 11 29,[illegible]
	Apr. 10	6,261	28,[illegible]
	Jul. 19	6,206	28,[illegible]
	Oct. 27	6,143	27,4
	Dec. 66	6,072	26,[illegible]
1809	Jan. 0	14 40 9,394	—15 11 42,4
	Apr. 10	9,318	41,[illegible]
	Jul. 19	9,237	41,[illegible]
	Oct. 27	9,150	40,3
	Dec. 66	9,057	39,[illegible]

Tabulae X. Sect. III. 1 *α Librae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jn. 0	−0,681	+31,7	+ 3,42	−15,4	−3	+1	1790	14 39 5,9618	− 15 6 49,732
10	−0,355	+32,9	+ 1,82	−16,3	−3	+1	1791	39 9,2565	7 5,228
20	−0,023	+33,2	+ 0,16	−16,8	−3	+2	1792	39 12,5513	7 20,722
30	+0,303	+32,7	− 1,53	−16,6	−3	+2	1793	39 15,8463	7 36,212
Febr. 9	+0,630	+31,3	− 3,16	−15,9	−3	+2	1794	39 19,1414	7 51,699
							1795	39 22,4367	8 7,183
19	+0,934	+29,3	− 4,71	−14,8	−3	+2	1796	39 25,7321	8 22,664
März 1	+1,215	+26,9	− 6,12	−13,3	−2	+2	1797	39 29,0277	8 38,142
11	+1,471	+24,2	− 7,36	−11,6	−2	+3	1798	39 32,3235	8 53,616
21	+1,699	+21,4	− 8,43	− 9,8	−1	+3	1799	39 35,6194	9 9,088
31	+1,898	+18,5	− 9,31	− 8,0	−1	+3	1800	39 38,9155	9 24,556
							1801	39 42,2117	9 40,021
April 10	+2,068	+15,6	−10,02	− 6,2	0	+2	1802	39 45,5081	9 55,486
20	+2,209	+12,7	−10,54	− 4,5	0	+2	1803	39 48,8046	10 10,943
30	+2,321	+ 9,8	−10,92	− 3,1	+1	+2	1804	39 52,1013	10 26,399
Mai 10	+2,405	+ 7,1	−11,15	− 1,8	+1	+2	1805	39 55,3982	10 41,851
20	+2,462	+ 4,4	−11,27	− 0,7	+2	+2	1806	39 58,6952	10 57,301
							1807	40 1,9924	11 12,748
30	+2,492	+ 1,7	−11,28	+ 0,4	+2	+2	1808	40 5,2897	11 28,191
Juni 9	+2,495	− 1,2	−11,20	+ 1,2	+3	+2	1809	40 8,5872	11 43,632
19	+2,470	− 3,7	−11,04	+ 2,0	+3	+1	1810	40 11,8848	11 59,069
29	+2,421	− 6,2	−10,81	+ 2,7	+4	+1			
Juli 9	+2,347	− 8,6	−10,51	+ 3,3	+4	+1			
19	+2,250	−10,6	−10,15	+ 3,9	+4	+1			
29	+2,135	−12,2	− 9,73	+ 4,4	+4	+1			
Aug. 8	+2,006	−13,4	− 9,27	+ 4,8	+4	0			
18	+1,863	−13,9	− 8,77	+ 5,1	+4	0			
28	+1,728	−13,8	− 8,25	+ 5,2	+4	0			
Sept. 7	+1,593	−12,8	− 7,73	+ 5,1	+3	0			
17	+1,473	−10,9	− 7,24	+ 4,6	+3	0			
27	+1,376	− 8,2	− 6,82	+ 3,7	+3	0			
Oct. 7	+1,310	− 4,7	− 6,50	+ 2,5	+2	0			
17	+1,282	− 0,5	− 6,32	+ 0,9	+2	+1			
27	+1,301	+ 4,3	− 6,32	− 1,0	+1	+1			
Nov. 6	+1,368	+ 9,3	− 6,52	− 3,2	+1	+1			
16	+1,487	+14,4	− 6,96	− 5,7	0	+2			
26	+1,656	+19,3	− 7,65	− 8,1	0	+2			
Dec. 6	+1,872	+23,7	− 8,58	−10,5	−1	+3			
16	+2,130	+27,5	− 9,74	−12,7	−1	+3			
26	+2,421	+30,3	−11,11	−14,5	−1	+4			
36	+2,736	+32,3	−12,64	−15,8	−2	+4			

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. 2α *Librae.*

		h ′ ″	° ′ ″
1790	Jan. 0	14 39 18,166	—15 9 32,26
	Apr. 10	18,100	31,54
	Jul. 19	18,028	30,83
	Oct. 27	17,949	30,13
	Dec. 66	17,864	29,45
1791	Jan. 0	14 39 21,190	—15 9 45,14
	Apr. 10	21,100	44,47
	Jul. 19	21,007	43,84
	Oct. 27	20,909	43,24
	Dec. 66	20,808	42,67
1792	Jan. 1	14 39 24,139	—15 9 58,32
	Apr. 10	24,036	57,78
	Jul. 19	23,935	57,30
	Oct. 27	23,829	56,87
	Dec. 66	23,724	56,49
1793	Jan. 0	14 39 27,055	—15 10 12,07
	Apr. 10	26,951	11,73
	Jul. 19	26,850	11,46
	Oct. 27	26,752	11,25
	Dec. 66	26,656	11,11
1794	Jan. 0	14 39 29,984	—15 10 26,61
	Apr. 10	29,891	26,51
	Jul. 19	29,804	26,48
	Oct. 27	29,723	26,52
	Dec. 66	29,648	26,62
1795	Jan. 0	14 39 32,970	—15 10 42,03
	Apr. 10	32,899	42,18
	Jul. 19	32,836	42,39
	Oct. 27	32,782	42,66
	Dec. 66	32,736	43,00
1796	Jan. 1	14 39 36,047	—15 10 58,34
	Apr. 10	36,007	58,71
	Jul. 19	35,976	59,14
	Oct. 27	35,953	59,62
	Dec. 66	35,940	11 0,14
1797	Jan. 0	14 39 39,241	—15 11 15,41
	Apr. 10	39,234	15,96
	Jul. 19	39,237	16,55
	Oct. 27	39,249	17,17
	Dec. 66	39,271	17,82
1798	Jan. 0	14 39 42,560	—15 11 33,05
	Apr. 10	42,587	33,72
	Jul. 19	42,623	34,40
	Oct. 27	42,667	35,09
	Dec. 66	42,720	35,80
1799	Jan. 0	14 39 45,999	—15 11 51,00
	Apr. 10	46,057	51,70
	Jul. 19	46,121	52,40
	Oct. 27	46,192	53,09
	Dec. 66	46,269	53,77
1800	Jan. 0	14 39 49,540	—15 12 8,9
	Apr. 10	49,621	9,6
	Jul. 19	49,706	10,2
	Oct. 27	49,796	10,8
	Dec. 66	49,890	11,4
1801	Jan. 0	14 39 53,156	—15 12 26,7
	Apr. 10	53,252	27,2
	Jul. 19	53,349	27,7
	Oct. 27	53,448	28,2
	Dec. 66	53,548	28,6
1802	Jan. 0	14 39 56,813	—15 12 43,9
	Apr. 10	56,913	44,3
	Jul. 19	57,012	44,6
	Oct. 27	57,110	44,9
	Dec. 66	57,206	45,1
1803	Jan. 0	14 40 0,472	—15 13 0,5
	Apr. 10	0,567	0,7
	Jul. 19	0,657	0,8
	Oct. 27	0,743	0,8
	Dec. 66	0,825	0,8
1804	Jan. 1	14 40 4,096	—15 13 16,3
	Apr. 10	4,174	16,2
	Jul. 19	4,246	16,1
	Oct. 27	4,311	15,9
	Dec. 66	4,370	15,7
1805	Jan. 0	14 40 7,650	—15 13 31,2
	Apr. 10	7,704	30,9
	Jul. 19	7,749	30,6
	Oct. 27	7,785	30,2
	Dec. 66	7,813	29,7
1806	Jan. 0	14 40 11,104	—15 13 45,3
	Apr. 10	11,126	44,8
	Jul. 19	11,138	44,3
	Oct. 27	11,141	43,7
	Dec. 66	11,135	43,1
1807	Jan. 0	14 40 14,438	—15 13 58,7
	Apr. 10	14,425	58,1
	Jul. 19	14,403	57,4
	Oct. 27	14,372	56,8
	Dec. 66	14,331	56,1
1808	Jan. 1	14 40 17,645	—15 14 11,7
	Apr. 10	17,598	11,0
	Jul. 19	17,544	10,3
	Oct. 27	17,481	9,6
	Dec. 66	17,410	8,8
1809	Jan. 0	14 40 20,734	—15 14 24,5
	Apr. 10	20,658	23,8
	Jul. 19	20,577	23,1
	Oct. 27	20,490	22,4
	Dec. 66	20,397	21,8

Tabulae X. Sect. III. 2a *Librae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jn. 0	−0,682	+31,7	+ 3,43	−15,4	−3	+1	1790	14 39 17,2640	− 15 9 32,408
10	−0,357	+32,9	+ 1,84	−16,3	−3	+1	1791	39 20,5606	9 47,875
20	−0,024	+33,3	+ 0,17	−16,8	−3	+2	1792	39 23,8574	10 3,339
30	+0,308	+32,7	− 1,51	−16,6	−3	+2	1793	39 27,1543	10 18,800
Febr. 9	+0,629	+31,3	− 3,14	−15,9	−3	+2	1794	39 30,4514	10 34,257
							1795	39 33,7487	10 49,710
19	+0,933	+29,3	− 4,69	−14,8	−3	+2	1796	39 37,0461	11 5,161
Mrt. 1	+1,215	+26,9	− 6,10	−13,3	−2	+2	1797	39 40,3437	11 20,609
11	+1,471	+24,2	− 7,35	−11,6	−2	+3	1798	39 43,6414	11 36,054
21	+1,699	+21,4	− 8,42	− 9,8	−1	+3	1799	39 46,9393	11 51,496
31	+1,899	+18,5	− 9,30	− 7,9	−1	+3	1800	39 50,2372	12 6,935
							1801	39 53,5354	12 22,371
Apr. 10	+2,069	+15,6	−10,00	− 6,2	0	+2	1802	39 56,8337	12 37,803
20	+2,210	+12,7	−10,53	− 4,5	0	+2	1803	40 0,1322	12 53,232
30	+2,322	+ 9,9	−10,90	− 3,1	+1	+2	1804	40 3,4308	13 8,658
Mai. 10	+2,407	+ 7,1	−11,14	− 1,8	+1	+2	1805	40 6,7296	13 24,081
20	+2,464	+ 4,4	−11,26	− 0,7	+2	+2	1806	40 10,0285	13 39,501
							1807	40 13,3276	13 54,918
30	+2,494	+ 1,6	−11,27	+ 0,4	+2	+2	1808	40 16,6269	14 10,332
Jun. 9	+2,496	− 1,1	−11,19	+ 1,2	+3	+2	1809	40 19,9263	14 25,742
19	+2,472	− 3,7	−11,03	+ 2,0	+3	+1	1810	40 23,2259	14 41,149
29	+2,423	− 6,2	−10,80	+ 2,7	+4	+1			
Jul. 9	+2,349	− 8,5	−10,50	+ 3,3	+4	+1			
19	+2,253	−10,6	−10,14	+ 3,9	+4	+1			
29	+2,137	−12,3	− 9,73	+ 4,4	+4	+1			
Aug. 8	+2,008	−13,4	− 9,26	+ 4,9	+4	0			
18	+1,870	−13,9	− 8,76	+ 5,1	+4	0			
28	+1,730	−13,8	− 8,25	+ 5,2	+4	0			
Sept. 7	+1,595	−12,8	− 7,73	+ 5,1	+3	0			
17	+1,475	−10,9	− 7,24	+ 4,6	+3	0			
27	+1,377	− 8,2	− 6,81	+ 3,8	+3	0			
Oct. 7	+1,311	− 4,7	− 6,49	+ 2,5	+2	0			
17	+1,284	− 0,5	− 6,31	+ 1,0	+2	+1			
27	+1,302	+ 4,3	− 6,30	− 1,0	+1	+1			
Nov. 6	+1,369	+ 9,3	− 6,50	− 3,2	+1	+1			
16	+1,488	+14,4	− 6,94	− 5,6	0	+2			
26	+1,657	+19,3	− 7,62	− 8,1	0	+2			
Dec. 6	+1,873	+23,7	− 8,55	−10,5	−1	+3			
16	+2,131	+27,5	− 9,71	−12,6	−1	+3			
26	+2,422	+30,3	−11,07	−14,4	−1	+4			
36	+2,737	+32,3	−12,59	−15,8	−2	+4			

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Coronae.*

1790	Jan. 0	15 25 48,556	+27 25 52,00
	Apr. 10	48,487	52,74
	Jul. 19	48,415	53,46
	Oct. 27	48,339	54,15
	Dec. 66	48,260	54,81
1791	Jan. 0	15 25 50,823	+27 25 42,02
	Apr. 10	50,743	42,66
	Jul. 19	50,662	43,25
	Oct. 27	50,581	43,79
	Dec. 66	50,499	44,28
1792	Jan. 1	15 25 53,062	+27 25 31,56
	Apr. 10	52,980	32,01
	Jul. 19	52,901	32,40
	Oct. 27	52,823	32,73
	Dec. 66	52,748	33,00
1793	Jan. 0	15 25 55,309	+27 25 20,35
	Apr. 10	55,236	20,57
	Jul. 19	55,167	20,72
	Oct. 27	55,103	20,80
	Dec. 66	55,043	20,80
1794	Jan. 0	15 25 57,598	+27 25 8,24
	Apr. 10	57,542	8,20
	Jul. 19	57,493	8,09
	Oct. 27	57,449	7,91
	Dec. 66	57,412	7,65
1795	Jan. 0	15 25 59,960	+27 24 55,18
	Apr. 10	59,927	54,88
	Jul. 19	59,902	54,53
	Oct. 27	59,884	54,11
	Dec. 66	59,874	53,63
1796	Jan. 1	15 26 2,413	+27 24 41,24
	Apr. 10	2,407	40,72
	Jul. 19	2,409	40,16
	Oct. 27	2,419	39,56
	Dec. 66	2,436	38,92
1797	Jan. 0	15 26 4,964	+27 24 26,58
	Apr. 10	4,986	25,92
	Jul. 19	5,015	25,23
	Oct. 27	5,050	24,52
	Dec. 66	5,091	23,78
1798	Jan. 0	15 26 7,612	+27 24 11,47
	Apr. 10	7,658	10,73
	Jul. 19	7,709	9,99
	Oct. 27	7,765	9,25
	Dec. 66	7,826	8,51
1799	Jan. 0	15 26 10,341	+27 23 56,21
	Apr. 10	10,405	55,47
	Jul. 19	10,472	54,76
	Oct. 27	10,542	54,07
	Dec. 66	10,615	53,40
1800	Jan. 0	15 26 13,126	+27 23 41,
	Apr. 10	13,202	40,
	Jul. 19	13,278	39,
	Oct. 27	13,355	39,
	Dec. 66	13,433	38,
1801	Jan. 0	15 26 15,943	+27 23 26,
	Apr. 10	16,021	25,
	Jul. 19	16,098	25.
	Oct. 27	16,174	25,
	Dec. 66	16,249	24,
1802	Jan. 0	15 26 18,760	+27 23 12,
	Apr. 10	18,833	12,
	Jul. 19	18,903	11,
	Oct. 27	18,970	11,
	Dec. 66	19,033	11,
1803	Jan. 0	15 26 21,548	+27 22 59,
	Apr. 10	21,609	58,
	Jul. 19	21,664	59,
	Oct. 27	21,714	59,
	Dec. 66	21,759	59,
1804	Jan. 1	15 26 24,280	+27 22 46,
	Apr. 10	24,321	46,
	Jul. 19	24,356	47,
	Oct. 27	24,384	47,
	Dec. 66	24,406	47,
1805	Jan. 0	15 26 26,935	+27 22 35,
	Apr. 10	26,952	35,
	Jul. 19	26,962	36.
	Oct. 27	26,965	36,
	Dec. 66	26,960	37,
1806	Jan. 0	15 26 29,498	+27 22 24.
	Apr. 10	29,488	25.
	Jul. 19	29,471	25.
	Oct. 27	29,447	26.
	Dec. 66	29,416	27.
1807	Jan. 0	15 26 31,964	+27 22 14.
	Apr. 10	31,928	15.
	Jul. 19	31,886	15.
	Oct. 27	31,838	16.
	Dec. 66	31,783	17.
1808	Jan. 1	15 26 34,338	+27 22 4.
	Apr. 10	34,280	5.
	Jul. 19	34,217	6.
	Oct. 27	34,149	6
	Dec. 66	34,077	7.
1809	Jan. 0	15 26 36,638	+27 21 54
	Apr. 10	36,564	55.
	Jul. 19	36,487	56.
	Oct. 27	36,409	56.
	Dec. 66	36,328	57.

Tabulae X. Sect. III. *α Coronae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
J. 0	−1,014	+28,0	− 7,77	−27,5	−2	+2	1790	15 25 48,0634	+27 25 50,268
10	−0,719	+30,6	−10,40	−24,8	−2	+2	1791	25 50,5990	25 37,698
20	−0,403	+32,2	−12,72	−21,3	−2	+2	1792	25 53,1346	25 25,130
30	−0,075	+32,9	−14,66	−17,2	−3	+2	1793	25 55,6702	25 12,565
F. 9	+0,254	+32,7	−16,15	−12,4	−3	+1	1794	25 58,2058	25 0,003
							1795	26 0,7415	24 47,445
19	+0,578	+31,7	−17,14	− 7,3	−3	+1	1796	26 3,2772	24 34,889
M. 1	+0,887	+29,9	−17,61	− 2,1	−3	+1	1797	26 5,8129	24 22,336
11	+1,176	+27,7	−17,55	+ 3,1	−3	0	1798	26 8,3487	24 9,786
21	+1,440	+25,0	−17,00	+ 7,8	−2	0	1799	26 10,8845	23 57,239
31	+1,676	+22,1	−15,99	+12,1	−2	0	1800	26 13,4203	23 44,696
							1801	26 15,9561	23 32,155
Ap. 10	+1,881	+18,9	−14,58	+15,7	−2	0	1802	26 18,4919	23 19,617
20	+2,054	+15,6	−12,85	+18,6	−1	−1	1803	26 21,0278	23 7,082
30	+2,193	+12,3	−10,87	+20,6	−1	−1	1804	26 23,5637	22 54,550
M. 10	+2,299	+ 8,9	− 8,74	+21,8	0	−1	1805	26 26,0996	22 42,021
20	+2,371	+ 5,6	− 6,52	+22,2	0	−1	1806	26 28,6355	22 29,495
							1807	26 31,1715	22 16,972
30	+2,410	+ 2,2	− 4,31	+21,8	+1	−1	1808	26 33,7075	22 4,452
Ju. 9	+2,415	− 1,2	− 2,17	+20,7	+1	−1	1809	26 36,2436	21 51,935
19	+2,387	− 4,4	− 0,18	+19,0	+1	0	1810	26 38,7796	21 39,420
29	+2,328	− 7,5	+ 1,62	+16,8	+2	0			
Jul. 9	+2,238	−10,4	+ 3,17	+14,1	+2	0			
19	+2,121	−12,9	+ 4,44	+11,2	+2	0			
29	+1,980	−15,1	+ 5,40	+ 8,0	+2	0			
Aug. 8	+1,819	−16,9	+ 6,03	+ 4,6	+3	+1			
18	+1,643	−18,0	+ 6,32	+ 1,1	+3	+1			
28	+1,459	−18,5	+ 6,24	− 2,6	+3	+1			
Sept. 7	+1,274	−18,1	+ 5,80	− 6,2	+3	+2			
17	+1,097	−16,8	+ 5,00	− 9,8	+2	+2			
27	+0,938	−14,7	+ 3,84	−13,4	+2	+3			
Oct. 7	+0,803	−11,8	+ 2,33	−16,8	+2	+3			
17	+0,702	− 8,0	+ 0,48	−20,1	+2	+3			
27	+0,644	− 3,5	− 1,69	−23,1	+1	+4			
Nov. 6	+0,633	+ 1,5	− 4,13	−25,6	+1	+4			
16	+0,674	+ 6,8	− 6,81	−27,6	0	+4			
26	+0,768	+12,1	− 9,66	−29,1	0	+5			
Dec. 6	+0,915	+17,2	−12,63	−29,8	0	+5			
16	+1,112	+21,9	−15,62	−29,6	−1	+5			
26	+1,352	+25,9	−18,55	−28,6	−1	+5			
36	+1,629	+29,1	−21,33	−26,6	−2	+5			

Diei reducto addendum est:

ante } Nov. 15 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bisextorum legitur dies insequens.

Tabulae X. Sect. III. *α Serpentis.*

		^{h} ^{m} ^{s}	° ′ ″			^{h} ^{m} ^{s}	° ′ ″
1790	Jan. 0	15 33 56,760	+ 7 5 52,13	1800	Jan. 0	15 34 25,045	+ 7 3 47
	Apr. 10	56,692	52,87		Apr. 10	25,124	46
	Jul. 19	56,618	53,59		Jul. 19	25,206	46
	Oct. 27	56,540	54,27		Oct. 27	25,290	45
	Dec. 66	56,457	54,93		Dec. 66	25,377	45
1791	Jan. 0	15 33 59,432	+ 7 5 42,82	1801	Jan. 0	15 34 28,296	+ 7 3 33
	Apr. 10	59,346	43,45		Apr. 10	28,384	32
	Jul. 19	59,258	44,03		Jul. 19	28,472	32
	Oct. 27	59,168	44,56		Oct. 27	28,560	32
	Dec. 66	59,076	45,04		Dec. 66	28,648	31
1792	Jan. 1	15 34 2,054	+ 7 5 32,99	1802	Jan. 0	15 34 31,566	+ 7 3 20,
	Apr. 10	1,961	33,43		Apr. 10	31,653	19
	Jul. 19	1,868	33,80		Jul. 19	31,738	19
	Oct. 27	1,777	34,11		Oct. 27	31,820	19
	Dec. 66	1,686	34,36		Dec. 66	31,900	19
1793	Jan. 0	15 34 4,663	+ 7 5 22,40	1803	Jan. 0	15 34 34,821	+ 7 3 7.
	Apr. 10	4,574	22,60		Apr. 10	34,899	7.
	Jul. 19	4,489	22,72		Jul. 19	34,972	7.
	Oct. 27	4,408	22,77		Oct. 27	35,040	7.
	Dec. 66	4,330	22,75		Dec. 66	35,103	7.
1794	Jan. 0	15 34 7,303	+ 7 5 10,89	1804	Jan. 1	15 34 38,030	+ 7 2 56.
	Apr. 10	7,228	10,82		Apr. 10	38,089	56.
	Jul. 19	7,160	10,68		Jul. 19	38,142	56.
	Oct. 27	7,098	10,47		Oct. 27	38,188	56.
	Dec. 66	7,042	10,19		Dec. 66	38,228	57.
1795	Jan. 0	15 34 10,007	+ 7 4 58,41	1805	Jan. 0	15 34 41,164	+ 7 2 45.
	Apr. 10	9,956	58,09		Apr. 10	41,198	45.
	Jul. 19	9,912	57,70		Jul. 19	41,225	46.
	Oct. 27	9,877	57,26		Oct. 27	41,244	46.
	Dec. 66	9,849	56,76		Dec. 66	41,255	47.
1796	Jan. 1	15 34 12,805	+ 7 4 45,06	1806	Jan. 0	15 34 44,200	+ 7 2 35.
	Apr. 10	12,780	44,52		Apr. 10	44,205	35.
	Jul. 19	12,764	43,94		Jul. 19	44,202	36.
	Oct. 27	12,761	43,32		Oct. 27	44,191	37.
	Dec. 66	12,766	42,65		Dec. 66	44,171	38.
1797	Jan. 0	15 34 15,711	+ 7 4 31,01	1807	Jan. 0	15 34 47,127	+ 7 2 25.
	Apr. 10	15,720	30,32		Apr. 10	47,101	26.
	Jul. 19	15,736	29,62		Jul. 19	47,068	27.
	Oct. 27	15,761	28,89		Oct. 27	47,027	28.
	Dec. 66	15,793	28,15		Dec. 66	46,979	29.
1798	Jan. 0	15 34 18,729	+ 7 4 16,53	1808	Jan. 1	15 34 49,944	+ 7 2 16.
	Apr. 10	18,767	15,78		Apr. 10	49,891	17.
	Jul. 19	18,811	15,02		Jul. 19	49,831	18.
	Oct. 27	18,862	14,27		Oct. 27	49,765	19.
	Dec. 66	18,920	13,53		Dec. 66	49,692	19.
1799	Jan. 0	15 34 21,847	+ 7 4 1,91	1809	Jan. 0	15 34 52,665	+ 7 2 7.
	Apr. 10	21,909	1,17		Apr. 10	52,589	8.
	Jul. 19	21,976	0,46		Jul. 19	52,509	9.
	Oct. 27	22,048	3 59,77		Oct. 27	52,425	9.
	Dec. 66	22,124	59,11		Dec. 66	52,337	10.

Tabulae X. Sect. III. *α Serpentis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jn. 0	−0,929	+26,9	− 2,81	−21,6	−2	+1	1790	15 33 56,0639	+ 7 5 50,127
10	−0,647	+29,1	− 4,93	−20,6	−2	+2	1791	33 59,0109	5 38,234
20	−0,348	+30,5	− 6,92	−13,9	−3	+2	1792	34 1,9579	5 26,343
30	−0,038	+31,0	− 8,70	−16,5	−3	+2	1793	34 4,9050	5 14,457
Febr. 9	+0,272	+30,7	−10,22	−13,6	−3	+2	1794	34 7,8521	5 2,574
							1795	34 10,7993	4 50,694
19	+0,575	+29,7	−11,42	−10,3	−3	+2	1796	34 13,7466	4 38,818
März 1	+0,866	+28,3	−12,27	− 6,7	−3	+1	1797	34 16,6939	4 26,946
11	+1,140	+26,4	−12,76	− 3,1	−2	+1	1798	34 19,6413	4 15,077
21	+1,393	+24,1	−12,88	+ 0,5	−2	+1	1799	34 22,5888	4 3,211
31	+1,622	+21,7	−12,66	+ 3,8	−2	+1	1800	34 25,5363	3 51,349
							1801	34 28,4839	3 39,490
April 10	+1,827	+19,2	−12,13	+ 6,7	−1	+1	1802	34 31,4315	3 27,635
20	+2,005	+16,5	−11,33	+ 9,1	−1	+1	1803	34 34,3792	3 15,784
30	+2,157	+13,8	−10,31	+10,9	0	+1	1804	34 37,3270	3 3,936
Mai. 10	+2,280	+11,0	− 9,15	+12,2	0	+1	1805	34 40,2749	2 52,091
20	+2,376	+ 8,1	− 7,88	+13,0	+1	+1	1806	34 43,2228	2 40,250
							1807	34 46,1708	2 28,412
30	+2,442	+ 5,1	− 6,56	+13,2	+1	+1	1808	34 49,1188	2 16,578
Jun. 9	+2,478	+ 2,2	− 5,25	+12,9	+1	+1	1809	34 52,0668	2 4,747
19	+2,485	− 0,8	− 3,98	+12,3	+2	+1	1810	34 55,0150	1 52,920
29	+2,462	− 3,8	− 2,80	+11,3	+2	+1			
Jul. 9	+2,410	− 6,6	− 1,73	+10,0	+2	+1			
19	+2,330	− 9,3	− 0,80	+ 8,5	+3	+1			
29	+2,225	−11,6	− 0,03	+ 6,9	+3	+1			
Aug. 8	+2,099	−13,5	+ 0,57	+ 5,1	+3	+1			
18	+1,956	−14,8	+ 0,98	+ 3,2	+3	+1			
28	+1,804	−15,4	+ 1,20	+ 1,2	+3	+1			
Sept. 7	+1,648	−15,3	+ 1,21	− 1,0	+3	+2			
17	+1,498	−14,3	+ 1,01	− 3,3	+3	+2			
27	+1,363	−12,4	+ 0,57	− 5,6	+3	+2			
Oct. 7	+1,250	− 9,8	− 0,10	− 7,9	+2	+2			
17	+1,168	− 6,2	− 1,01	−10,3	+2	+3			
27	+1,126	− 2,0	− 2,16	−12,8	+1	+3			
Nov. 6	+1,128	+ 2,6	− 3,56	−15,2	+1	+3			
16	+1,178	+ 7,5	− 5,19	−17,3	+1	+4			
26	+1,278	+12,5	− 7,02	−19,2	0	+4			
Dec. 6	+1,427	+17,2	− 9,02	−20,6	0	+4			
16	+1,622	+21,5	−11,14	−21,5	−1	+5			
26	+1,856	+25,0	−13,31	−21,7	−1	+5			
36	+2,122	+27,9	−15,48	−21,3	−2	+5			

Diei reducto addendum est:

ante / post } Nov. 17 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Scorpii.*

1790	Jan. 0	16 16 34,446	—25 56 57,98	1800	Jan. 0	16 17 9,263	—25 58 34,23
	Apr. 10	34,373	57,25		Apr. 10	9,353	34,83
	Jul. 19	34,293	56,56		Jul. 19	9,448	35,37
	Oct. 27	34,205	55,91		Oct. 27	9,548	35,86
	Dec. 66	34,110	55,30		Dec. 66	9,652	36,30
1791	Jan. 0	16 16 37,798	—25 57 4,29	1801	Jan. 0	16 17 13,274	—25 58 44,90
	Apr. 10	37,699	3,72		Apr. 10	13,381	45,30
	Jul. 19	37,595	3,21		Jul. 19	13,488	45,63
	Oct. 27	37,487	2,76		Oct. 27	13,597	45,90
	Dec. 66	37,375	2,36		Dec. 66	13,708	46,10
1792	Jan. 1	16 16 41,069	—25 57 11,27	1802	Jan. 0	16 17 17,329	—25 58 54,78
	Apr. 10	40,955	10,93		Apr. 10	17,440	54,94
	Jul. 19	40,840	10,65		Jul. 19	17,549	55,03
	Oct. 27	40,725	10,45		Oct. 27	17,657	55,05
	Dec. 66	40,609	10,32		Dec. 66	17,763	54,99
1793	Jan. 0	16 16 44,304	—25 57 19,13	1803	Jan. 0	16 17 21,386	—25 59 3,75
	Apr. 10	44,189	19,05		Apr. 10	21,490	3,65
	Jul. 19	44,078	19,05		Jul. 19	21,589	3,49
	Oct. 27	43,969	19,11		Oct. 27	21,683	3,25
	Dec. 66	43,864	19,27		Dec. 66	21,773	2,95
1794	Jan. 0	16 16 47,555	—25 57 27,94	1804	Jan. 1	16 17 25,402	—25 59 11,79
	Apr. 10	47,453	28,17		Apr. 10	25,488	11,41
	Jul. 19	47,357	28,46		Jul. 19	25,567	11,03
	Oct. 27	47,268	28,80		Oct. 27	25,638	10,57
	Dec. 66	47,185	29,20		Dec. 66	25,702	10,04
1795	Jan. 0	16 16 50,869	—25 57 37,83	1805	Jan. 0	16 17 29,340	—25 59 18,95
	Apr. 10	50,792	38,28		Apr. 10	29,398	18,39
	Jul. 19	50,723	38,78		Jul. 19	29,447	17,78
	Oct. 27	50,664	39,34		Oct. 27	29,486	17,13
	Dec. 66	50,614	39,95		Dec. 66	29,516	16,44
1796	Jan. 1	16 16 54,286	—25 57 48,50	1806	Jan. 0	16 17 33,166	—25 59 25,39
	Apr. 10	54,242	49,14		Apr. 10	33,189	24,68
	Jul. 19	54,209	49,82		Jul. 19	33,202	23,94
	Oct. 27	54,185	50,53		Oct. 27	33,204	23,19
	Dec. 66	54,172	51,28		Dec. 66	33,197	22,39
1797	Jan. 0	16 16 57,832	—25 57 59,79	1807	Jan. 0	16 17 36,859	—25 59 31,36
	Apr. 10	57,826	58 0,55		Apr. 10	36,844	30,57
	Jul. 19	57,830	1,32		Jul. 19	36,819	29,78
	Oct. 27	57,844	2,10		Oct. 27	36,785	28,99
	Dec. 66	57,869	2,89		Dec. 66	36,737	28,19
1798	Jan. 0	16 17 1,517	—25 58 11,39	1808	Jan. 1	16 17 40,413	—25 59 37,17
	Apr. 10	1,548	12,18		Apr. 10	40,360	36,39
	Jul. 19	1,588	12,95		Jul. 19	40,299	35,63
	Oct. 27	1,638	13,72		Oct. 27	40,228	34,90
	Dec. 66	1,697	14,47		Dec. 66	40,149	34,26
1799	Jan. 0	16 17 5,334	—25 58 22,97	1809	Jan. 0	16 17 43,836	—25 59 43,13
	Apr. 10	5,398	23,71		Apr. 10	43,752	42,46
	Jul. 19	5,470	24,41		Jul. 19	43,660	41,83
	Oct. 27	5,549	25,07		Oct. 27	43,563	41,25
	Dec. 66	5,635	25,68		Dec. 66	43,459	40,72

Tabulae X. Sect. III. *a Scorpii.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
J. 0	−1″,191	+27,7	+ 4″,22	− 4,8	−3	−1	1790	16 16 33,4557	−25 57 1,356
10	−0,898	+30,5	+ 3,66	− 6,4	−3	−1	1791	16 37,1119	57 10,148
20	−0,581	+32,5	+ 2,95	− 7,7	−3	0	1792	16 40,7683	57 18,935
30	−0,248	+33,7	+ 2,13	− 8,6	−4	0	1793	16 44,4248	57 27,717
Febr. 9	+0,092	+34,0	+ 1,23	− 9,2	−4	+1	1794	16 48,0815	57 36,494
							1795	16 51,7384	57 45,266
19	+0,432	+33,7	+ 0,30	− 9,3	−4	+1	1796	16 55,3954	57 54,034
Mart. 1	+0,766	+32,9	− 0,63	− 9,2	−3	+2	1797	16 59,0526	58 2,796
11	+1,089	+31,5	− 1,53	− 8,8	−3	+2	1798	17 2,7099	58 11,554
21	+1,396	+29,9	− 2,38	− 8,2	−3	+3	1799	17 6,3674	58 20,307
31	+1,686	+28,0	− 3,16	− 7,5	−2	+3	1800	17 10,0250	58 29,055
							1801	17 13,6828	58 37,798
Apr. 10	+1,955	+25,8	− 3,88	− 6,9	−2	+3	1802	17 17,3408	58 46,537
20	+2,201	+23,4	− 4,53	− 6,2	−1	+4	1803	17 20,9989	58 55,270
30	+2,423	+20,8	− 5,12	− 5,7	−1	+4	1804	17 24,6572	59 3,999
Mai. 10	+2,617	+18,0	− 5,66	− 5,1	0	+4	1805	17 28,3156	59 12,723
20	+2,782	+14,9	− 6,14	− 4,7	+1	+4	1806	17 31,9742	59 21,442
							1807	17 35,6329	59 30,156
30	+2,915	+11,6	− 6,59	− 4,3	+1	+4	1808	17 39,2918	59 38,865
Jun. 9	+3,013	+ 8,0	− 6,99	− 3,9	+2	+4	1809	17 42,9509	59 47,570
19	+3,075	+ 4,3	− 7,36	− 3,4	+2	+4	1810	17 46,6100	59 56,269
29	+3,099	+ 0,5	− 7,67	− 2,9	+3	+4			
Jul. 9	+3,085	− 3,3	− 7,93	− 2,3	+4	+4			
19	+3,034	− 7,0	− 8,13	− 1,6	+4	+4			
29	+2,946	−10,4	− 8,24	− 0,7	+4	+3			
Aug. 8	+2,827	−13,2	− 8,26	+ 0,4	+4	+3			
18	+2,682	−15,5	− 8,17	+ 1,4	+5	+3			
28	+2,517	−17,0	− 7,98	+ 2,5	+5	+2			
Sept. 7	+2,342	−17,6	− 7,68	+ 3,6	+5	+2			
17	+2,166	−17,2	− 7,27	+ 4,5	+4	+2			
27	+1,999	−15,6	− 6,79	+ 5,1	+4	+2			
Oct. 7	+1,854	−13,0	− 6,25	+ 5,6	+4	+1			
17	+1,739	− 9,5	− 5,68	+ 5,6	+3	+1			
27	+1,664	− 5,1	− 5,13	+ 5,2	+3	+1			
Nov. 6	+1,637	− 0,1	− 4,64	+ 4,4	+2	+1			
16	+1,663	+ 5,4	− 4,25	+ 3,3	+2	+2			
26	+1,744	+10,8	− 3,99	+ 1,8	+1	+2			
Dec. 6	+1,879	+16,2	− 3,89	+ 0,1	0	+2			
16	+2,067	+21,1	− 3,98	− 1,9	0	+3			
26	+2,301	+25,4	− 4,26	− 3,7	−1	+3			
36	+2,574	+28,8	− 4,72	− 5,4	−1	+4			

Diei reducto addendum est:

ante } Nov. 27 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Herculis.*

		α	δ			α	δ
1790	Jan. 0	17 5 5,387	+14 38 35,40	1800	Jan. 0	17 5 31,572	+14 37 37,
	Apr. 10	5,324	36,08		Apr. 10	31,645	36,
	Jul. 19	5,256	36,71		Jul. 19	31,721	36,
	Oct. 27	5,183	37,29		Oct. 27	31,799	35,
	Dec. 66	5,106	37,82		Dec. 66	31,880	35,
1791	Jan. 0	17 5 7,862	+14 38 32,92	1801	Jan. 0	17 5 34,583	+14 37 30,
	Apr. 10	7,782	33,40		Apr. 10	34,664	30,
	Jul. 19	7,700	33,82		Jul. 19	34,745	30,
	Oct. 27	7,616	34,17		Oct. 27	34,827	30,
	Dec. 66	7,530	34,45		Dec. 66	34,910	30,
1792	Jan. 1	17 5 10,289	+14 38 29,64	1802	Jan. 0	17 5 37,612	+14 37 25,
	Apr. 10	10,202	29,86		Apr. 10	37,693	25,
	Jul. 19	10,116	30,01		Jul. 19	37,772	25,
	Oct. 27	10,031	30,08		Oct. 27	37,849	25,
	Dec. 66	9,947	30,08		Dec. 66	37,924	25,
1793	Jan. 0	17 5 12,705	+14 38 25,37	1803	Jan. 0	17 5 40,629	+14 37 20,
	Apr. 10	12,622	25,31		Apr. 10	40,701	21,
	Jul. 19	12,542	25,18		Jul. 19	40,769	21,
	Oct. 27	12,466	24,97		Oct. 27	40,833	21,
	Dec. 66	12,394	24,69		Dec. 66	40,892	22,
1794	Jan. 0	17 5 15,147	+14 38 20,07	1804	Jan. 1	17 5 43,602	+14 37 17,
	Apr. 10	15,078	19,74		Apr. 10	43,658	17,
	Jul. 19	15,014	19,34		Jul. 19	43,707	18,
	Oct. 27	14,956	18,87		Oct. 27	43,750	19,
	Dec. 66	14,903	18,34		Dec. 66	43,788	19,
1795	Jan. 0	17 5 17,650	+14 38 13,81	1805	Jan. 0	17 5 46,506	+14 37 14,
	Apr. 10	17,602	13,24		Apr. 10	46,539	15,
	Jul. 19	17,561	12,63		Jul. 19	46,564	16,
	Oct. 27	17,527	11,96		Oct. 27	46,582	16,
	Dec. 66	17,501	11,25		Dec. 66	46,592	17,
1796	Jan. 1	17 5 20,239	+14 38 6,79	1806	Jan. 0	17 5 49,319	+14 37 12
	Apr. 10	20,217	6,05		Apr. 10	49,324	13
	Jul. 19	20,205	5,29		Jul. 19	49,322	14
	Oct. 27	20,199	4,51		Oct. 27	49,312	15
	Dec. 66	20,201	3,71		Dec. 66	49,294	15
1797	Jan. 0	17 5 22,929	+14 37 59,27	1807	Jan. 0	17 5 52,031	+14 37 10
	Apr. 10	22,937	58,46		Apr. 10	52,008	11
	Jul. 19	22,952	57,65		Jul. 19	51,977	12
	Oct. 27	22,974	56,84		Oct. 27	51,940	13
	Dec. 66	23,004	56,03		Dec. 66	51,895	14
1798	Jan. 0	17 5 25,723	+14 37 51,60	1808	Jan. 1	17 5 54,641	+14 37 9
	Apr. 10	25,757	50,80		Apr. 10	54,592	10
	Jul. 19	25,798	50,03		Jul. 19	54,535	10
	Oct. 27	25,845	49,28		Oct. 27	54,474	11
	Dec. 66	25,899	48,56		Dec. 66	54,407	12
1799	Jan. 0	17 5 28,610	+14 37 44,10	1809	Jan. 0	17 5 57,160	+14 37 7
	Apr. 10	28,667	43,40		Apr. 10	57,089	7
	Jul. 19	28,729	42,75		Jul. 19	57,015	8
	Oct. 27	28,796	42,15		Oct. 27	56,937	8
	Dec. 66	28,867	41,59		Dec. 66	56,856	9

Tabulae X. Sect. III. *α Herculis.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
J. 0	—1,262	+19,3	— 2,84	—23,6	—1	+1	1790	17 5 4,7370	+14 38 30,595
10	—1,051	+22,7	— 5,16	—22,6	—1	+1	1791	5 7,4663	38 25,867
20	—0,809	+25,4	— 7,36	—21,0	—2	+1	1792	5 10,1957	38 21,143
30	—0,543	+27,4	— 9,35	—18,5	—2	+1	1793	5 12,9251	38 16,423
F. 9	—0,261	+28,8	—11,05	—15,3	—2	+1	1794	5 15,6546	38 11,707
							1795	5 18,3841	38 6,996
19	+0,032	+29,5	—12,40	—11,5	—3	+1	1796	5 21,1137	38 2,288
M. 1	+0,328	+29,5	—13,34	— 7,3	—3	+1	1797	5 23,8433	37 57,584
11	+0,622	+29,1	—13,86	— 3,0	—3	+1	1798	5 26,5729	37 52,884
21	+0,909	+28,2	—13,94	+ 1,4	—2	+1	1799	5 29,3025	37 48,187
31	+1,186	+27,0	—13,58	+ 5,6	—2	+1	1800	5 32,0321	37 43,493
							1801	5 34,7618	37 38,804
A. 10	+1,449	+25,5	—12,82	+ 9,4	—2	+1	1802	5 37,4916	37 34,119
20	+1,695	+23,5	—11,70	+12,7	—2	+1	1803	5 40,2214	37 29,438
30	+1,919	+21,3	—10,28	+15,4	—1	+1	1804	5 42,9512	37 24,761
M. 10	+2,120	+18,8	— 8,62	+17,5	—1	+1	1805	5 45,6810	37 20,087
20	+2,294	+15,9	— 6,78	+18,9	—1	+1	1806	5 48,4109	37 15,417
							1807	5 51,1408	37 10,751
30	+2,438	+12,8	— 4,85	+19,5	0	+1	1808	5 53,8708	37 6,090
Ju 9	+2,549	+ 9,4	— 2,88	+19,6	0	+1	1809	5 56,6003	37 1,432
19	+2,626	+ 5,9	— 0,94	+19,0	+1	+1	1810	5 59,3309	36 56,778
29	+2,666	+ 2,1	+ 0,91	+18,9	+1	+1			
Ju 9	+2,668	— 1,7	+ 2,64	+16,5	+1	+1			
19	+2,633	— 5,3	+ 4,20	+14,6	+2	+1			
29	+2,562	— 8,8	+ 5,55	+12,4	+2	+1			
Au 8	+2,457	—12,0	+ 6,67	+10,0	+2	+1			
18	+2,322	—14,7	+ 7,54	+ 7,4	+2	+2			
28	+2,164	—16,7	+ 8,15	+ 4,7	+3	+2			
Se. 7	+1,989	—17,9	+ 8,48	+ 1,9	+3	+2			
17	+1,806	—18,3	+ 8,53	— 1,0	+3	+2			
27	+1,624	—17,7	+ 8,28	— 4,0	+3	+2			
Oc 7	+1,452	—16,2	+ 7,74	— 6,9	+3	+3			
17	+1,300	—13,8	+ 6,90	— 9,9	+2	+3			
27	+1,177	—10,5	+ 5,77	—12,8	+2	+3			
No 6	+1,091	— 6,4	+ 4,35	—15,6	+2	+4			
16	+1,049	— 1,9	+ 2,66	—18,1	+1	+4			
26	+1,053	+ 2,9	+ 0,73	—20,3	+1	+4			
De 6	+1,106	+ 7,7	— 1,40	—22,0	+1	+4			
16	+1,207	+12,5	— 3,67	—23,2	0	+4			
26	+1,355	+16,8	— 6,03	—23,6	0	+5			
36	+1,543	+20,7	— 8,39	—23,3	—1	+5			

Diei reducto addendum est:

ante } Dec. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Ophiuchi.*

		^{h} ′ ″	° ′ ″
1790	Jan. 0	17 25 12,312	+12 43 36,53
	Apr. 10	12,249	37,18
	Jul. 19	12,181	37,78
	Oct. 27	12,108	38,32
	Dec. 66	12,031	38,81
1791	Jan. 0	17 25 14,833	+12 43 35,41
	Apr. 10	14,753	35,85
	Jul. 19	14,670	36,22
	Oct. 27	14,586	36,52
	Dec. 66	14,499	36,75
1792	Jan. 1	17 25 17,304	+12 43 33,44
	Apr. 10	17,217	33,61
	Jul. 19	17,130	33,71
	Oct. 27	17,043	33,73
	Dec. 66	16,957	33,67
1793	Jan. 0	17 25 19,762	+12 43 30,46
	Apr. 10	19,677	30,35
	Jul. 19	19,596	30,16
	Oct. 27	19,518	29,90
	Dec. 66	19,444	29,56
1794	Jan. 0	17 25 22,244	+12 43 26,45
	Apr. 10	22,173	26,06
	Jul. 19	22,107	25,61
	Oct. 27	22,047	25,09
	Dec. 66	21,993	24,52
1795	Jan. 0	17 25 24,786	+12 43 21,49
	Apr. 10	24,736	20,87
	Jul. 19	24,694	20,22
	Oct. 27	24,658	19,52
	Dec. 66	24,630	18,78
1796	Jan. 1	17 25 27,415	+12 43 15,81
	Apr. 10	27,392	15,04
	Jul. 19	27,377	14,26
	Oct. 27	27,370	13,46
	Dec. 66	27,371	12,64
1797	Jan. 0	17 25 30,146	+12 43 9,70
	Apr. 10	30,152	8,87
	Jul. 19	30,165	8,05
	Oct. 27	30,186	7,24
	Dec. 66	30,215	6,44
1798	Jan. 0	17 25 32,981	+12 43 3,49
	Apr. 10	33,015	2,70
	Jul. 19	33,055	1,94
	Oct. 27	33,102	1,20
	Dec. 66	33,155	0,50
1799	Jan. 0	17 25 35,912	+12 42 57,52
	Apr. 10	35,969	56,85
	Jul. 19	36,031	56,23
	Oct. 27	36,097	55,66
	Dec. 66	36,168	55,14
1800	Jan. 0	17 25 38,920	+12 42 5[illegible]
	Apr. 10	38,994	51[illegible]
	Jul. 19	39,070	51[illegible]
	Oct. 27	39,149	50[illegible]
	Dec. 66	39,230	50[illegible]
1801	Jan. 0	17 25 41,979	+12 42 47[illegible]
	Apr. 10	42,062	4[illegible]
	Jul. 19	42,145	4[illegible]
	Oct. 27	42,228	4[illegible]
	Dec. 66	42,311	4[illegible]
1802	Jan. 0	17 25 45,059	+12 42 4[illegible]
	Apr. 10	45,142	4[illegible]
	Jul. 19	45,223	4[illegible]
	Oct. 27	45,301	4[illegible]
	Dec. 66	45,377	4[illegible]
1803	Jan. 0	17 25 48,128	+12 42 4[illegible]
	Apr. 10	48,202	4[illegible]
	Jul. 19	48,272	4[illegible]
	Oct. 27	48,337	4[illegible]
	Dec. 66	48,399	4[illegible]
1804	Jan. 1	17 25 51,155	+12 42 3[illegible]
	Apr. 10	51,212	3[illegible]
	Jul. 19	51,264	4[illegible]
	Oct. 27	51,309	4[illegible]
	Dec. 66	51,348	4[illegible]
1805	Jan. 0	17 25 54,112	+12 42 3[illegible]
	Apr. 10	54,147	3[illegible]
	Jul. 19	54,174	3[illegible]
	Oct. 27	54,194	4[illegible]
	Dec. 66	54,206	4[illegible]
1806	Jan. 0	17 25 56,979	+12 42 3[illegible]
	Apr. 10	56,986	3[illegible]
	Jul. 19	56,985	3[illegible]
	Oct. 27	56,976	4[illegible]
	Dec. 66	56,960	4[illegible]
1807	Jan. 0	17 25 59,743	+12 42 3[illegible]
	Apr. 10	59,721	3[illegible]
	Jul. 19	59,691	3[illegible]
	Oct. 27	59,654	3[illegible]
	Dec. 66	59,610	4[illegible]
1808	Jan. 1	17 26 2,403	+12 42 3[illegible]
	Apr. 10	2,354	3[illegible]
	Jul. 19	2,299	3[illegible]
	Oct. 27	2,238	3[illegible]
	Dec. 66	2,170	3[illegible]
1809	Jan. 0	17 26 4,970	+12 42 3[illegible]
	Apr. 10	4,899	3[illegible]
	Jul. 19	4,825	3[illegible]
	Oct. 27	4,746	3[illegible]
	Dec. 66	4,664	3[illegible]

Tabulae X. Sect. III. *α Ophiuchi.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″	″				h ′ ″	° ′ ″
0	−1,292	+17,5	− 2,21	−22,4	−1	+1	1790	17 25 11,6409	+12 43 31,194
10	−1,098	+21,0	− 4,43	−21,7	−1	+1	1791	25 14,4168	43 27,952
20	−0,872	+23,9	− 6,54	−20,3	−2	+1	1792	25 17,1927	43 24,713
30	−0,620	+26,2	− 8,48	−18,1	−2	+1	1793	25 19,9687	43 21,479
r. 9	−0,349	+27,6	−10,15	−15,2	−2	+1	1794	25 22,7448	43 18,248
							1795	25 25,5208	43 15,022
19	−0,065	+28,8	−11,51	−11,7	−2	+1	1796	25 28,2969	43 11,799
t. 1	+0,226	+29,2	−12,48	− 7,7	−3	+1	1797	25 31,0730	43 8,581
11	+0,518	+29,1	−13,04	− 3,5	−3	+1	1798	25 33,8491	43 5,366
21	+0,807	+28,6	−13,18	+ 0,8	−2	+1	1799	25 36,6252	43 2,156
31	+1,089	+27,7	−12,89	+ 4,8	−2	+1	1800	25 39,4014	42 58,949
							1801	25 42,1776	42 55,747
p 10	+1,360	+26,4	−12,22	+ 8,6	−2	+1	1802	25 44,9539	42 52,548
20	+1,616	+24,8	−11,18	+11,9	−2	+1	1803	25 47,7302	42 49,354
30	+1,855	+22,8	− 9,84	+14,7	−2	+1	1804	25 50,5066	42 46,163
a 10	+2,072	+20,5	− 8,25	+16,8	−1	+1	1805	25 53,2830	42 42,977
20	+2,264	+17,8	− 6,48	+18,2	−1	+1	1806	25 56,0594	42 39,794
							1807	25 58,8359	42 36,616
30	+2,427	+14,8	− 4,61	+19,0	0	+1	1808	26 1,6124	42 33,441
n 9	+2,559	+11,5	− 2,68	+19,2	0	+1	1809	26 4,3889	42 30,271
19	+2,656	+ 7,9	− 0,77	+18,8	0	+1	1810	26 7,1654	42 27,104
29	+2,716	+ 4,1	+ 1,07	+17,8	+1	+1			
l. 9	+2,738	+ 0,2	+ 2,79	+16,5	+1	+1			
9	+2,720	− 3,7	+ 4,36	+14,8	+2	+1			
29	+2,665	− 7,3	+ 5,74	+12,7	+2	+2			
ug 8	+2,574	−10,8	+ 6,90	+10,5	+2	+2			
8	+2,450	−13,7	+ 7,83	+ 8,0	+2	+2			
8	+2,301	−16,0	+ 8,50	+ 5,5	+3	+2			
ep 7	+2,131	−17,5	+ 8,92	+ 2,8	+3	+2			
7	+1,951	−18,2	+ 9,06	+ 0,1	+3	+3			
7	+1,768	−18,0	+ 8,93	− 2,7	+3	+3			
ct 7	+1,592	−16,8	+ 8,52	− 5,6	+3	+3			
7	+1,433	−14,6	+ 7,82	− 8,4	+2	+3			
7	+1,301	−11,5	+ 6,84	−11,2	+2	+4			
ov 6	+1,203	− 7,8	+ 5,58	−14,0	+2	+4			
6	+1,146	− 3,5	+ 4,05	−16,5	+2	+4			
6	+1,134	+ 1,2	+ 2,29	−18,6	+1	+4			
ec 6	+1,170	+ 6,0	+ 0,33	−20,4	+1	+5			
6	+1,253	+10,6	− 1,79	−21,7	0	+5			
6	+1,382	+15,0	− 4,01	−22,3	0	+5			
6	+1,553	+18,9	− 6,25	−22,2	−1	+5			

Diei reducto addendum est:

ante } Dec. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *a Lyrae.*

1790	Jan. 0	18 29	50,333	+38 35	56,97	1800	Jan. 0	18 30	9,673	+38 36	11,5
	Apr. 10		50,292		57,50		Apr. 10		9,723		10,5
	Jul. 19		50,248		57,97		Jul. 19		9,776		10,6
	Oct. 27		50,199		58,36		Oct. 27		9,831		10,4
	Dec. 66		50,146		58,69		Dec. 66		9,888		10,5
1791	Jan. 0	18 29	52,193	+38 36	1,47	1801	Jan. 0	18 30	11,898	+38 36	13,5
	Apr. 10		52,138		1,75		Apr. 10		11,957		13,3
	Jul. 19		52,081		1,95		Jul. 19		12,017		13,3
	Oct. 27		52,021		2,08		Oct. 27		12,077		13,4
	Dec. 66		51,959		2,13		Dec. 66		12,138		13,3
1792	Jan. 1	18 29	54,009	+38 36	5,00	1802	Jan. 0	18 30	14,147	+38 36	16,5
	Apr. 10		53,946		5,00		Apr. 10		14,208		16,4
	Jul. 19		53,883		4,92		Jul. 19		14,268		16,6
	Oct. 27		53,820		4,76		Oct. 27		14,327		17,0
	Dec. 66		53,756		4,53		Dec. 66		14,385		17,4
1793	Jan. 0	18 29	55,807	+38 36	7,50	1803	Jan. 0	18 30	16,396	+38 36	20,1
	Apr. 10		55,744		7,21		Apr. 10		16,453		20,6
	Jul. 19		55,682		6,85		Jul. 19		16,507		21,1
	Oct. 27		55,623		6,43		Oct. 27		16,559		21,6
	Dec. 66		55,565		5,93		Dec. 66		16,608		22,2
1794	Jan. 0	18 29	57,613	+38 36	8,99	1804	Jan. 1	18 30	18,622	+38 36	24,9
	Apr. 10		57,557		8,45		Apr. 10		18,669		25,6
	Jul. 19		57,505		7,86		Jul. 19		18,711		26,2
	Oct. 27		57,456		7,22		Oct. 27		18,750		27,0
	Dec. 66		57,411		6,53		Dec. 66		18,785		27,7
1795	Jan. 0	18 29	59,455	+38 36	9,66	1805	Jan. 0	18 30	20,803	+38 36	30,4
	Apr. 10		59,413		8,94		Apr. 10		20,835		31,2
	Jul. 19		59,376		8,19		Jul. 19		20,861		31,9
	Oct. 27		59,344		7,41		Oct. 27		20,882		32,8
	Dec. 66		59,317		6,61		Dec. 66		20,898		33,6
1796	Jan. 1	18 30	1,355	+38 36	9,77	1806	Jan. 0	18 30	22,923	+38 36	36,2
	Apr. 10		1,331		8,96		Apr. 10		22,935		37,0
	Jul. 19		1,313		8,14		Jul. 19		22,942		37,9
	Oct. 27		1,301		7,32		Oct. 27		22,942		38,7
	Dec. 66		1,295		6,49		Dec. 66		22,937		39,4
1797	Jan. 0	18 30	3,326	+38 36	9,66	1807	Jan. 0	18 30	24,969	+38 36	42,2
	Apr. 10		3,323		8,84		Apr. 10		24,960		41,5
	Jul. 19		3,326		8,04		Jul. 19		24,946		43,2
	Oct. 27		3,335		7,26		Oct. 27		24,926		44,0
	Dec. 66		3,349		6,50		Dec. 66		24,900		45,7
1798	Jan. 0	18 30	5,373	+38 36	9,65	1808	Jan. 1	18 30	26,939	+38 36	47,4
	Apr. 10		5,391		8,92		Apr. 10		26,909		48,2
	Jul. 19		5,414		8,23		Jul. 19		26,875		49,0
	Oct. 27		5,442		7,59		Oct. 27		26,836		49,8
	Dec. 66		5,475		6,99		Dec. 66		26,792		50,6
1799	Jan. 0	18 30	7,493	+38 36	10,08	1809	Jan. 0	18 30	28,836	+38 36	52,3
	Apr. 10		7,529		9,52		Apr. 10		28,789		53,1
	Jul. 19		7,569		9,02		Jul. 19		28,739		53,9
	Oct. 27		7,613		8,59		Oct. 27		28,686		53,9
	Dec. 66		7,660		8,22		Dec. 66		28,629		54,7

Tabulae X. Sect. III. *α Lyrae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
0	−1,701	+ 8,9	− 0,90	−31,2	0	+2	1790	18 29 49,7927	+38 35 50,226
10	−1,586	+13,9	− 4,02	−30,8	−1	+2	1791	29 51,8221	35 53,102
20	−1,424	+18,4	− 7,05	−29,4	−1	+2	1792	29 53,8515	35 55,981
30	−1,218	+22,5	− 9,89	−26,9	−1	+2	1793	29 55,8809	35 58,863
9	−0,975	+25,9	−12,42	−23,3	−2	+2	1794	29 57,9104	36 1,747
							1795	29 59,9399	36 4,635
19	−0,701	+28,7	−14,54	−18,8	−2	+2	1796	30 1,9694	36 7,526
1	−0,401	+30,9	−16,17	−13,6	−2	+1	1797	30 3,9989	36 10,419
11	−0,083	+32,4	−17,25	− 7,9	−2	+1	1798	30 6,0284	36 13,315
21	+0,246	+33,2	−17,75	− 2,0	−2	+1	1799	30 8,0579	36 16,214
31	+0,580	+33,3	−17,65	+ 4,0	−2	0	1800	30 10,0874	36 19,116
							1801	30 12,1170	36 22,021
10	+0,912	+32,8	−16,96	+ 9,6	−2	0	1802	30 14,1466	36 24,929
20	+1,235	+31,6	−15,73	+14,9	−2	0	1803	30 16,1762	36 27,840
30	+1,544	+29,8	−13,99	+19,6	−2	0	1804	30 18,2058	36 30,754
10	+1,830	+27,3	−11,82	+23,5	−2	0	1805	30 20,2354	36 33,671
20	+2,089	+24,2	− 9,30	+26,5	−1	0	1806	30 22,2650	36 36,591
							1807	30 24,2947	36 39,514
30	+2,314	+20,6	− 6,52	+28,7	−1	0	1808	30 26,3244	36 42,440
9	+2,501	+16,5	− 3,56	+30,0	0	0	1809	30 28,3540	36 45,367
9	+2,644	+12,0	− 0,52	+30,4	0	0	1810	30 30,3837	36 48,298
9	+2,740	+ 7,2	+ 2,52	+30,1	0	0			
9	+2,787	+ 2,2	+ 5,49	+29,0	+1	0			
9	+2,784	− 2,9	+ 8,31	+27,2	+1	0			
9	+2,730	− 7,8	+10,92	+24,7	+1	0			
8	+2,629	−12,3	+13,25	+21,7	+2	+1			
8	+2,484	−16,5	+15,26	+18,4	+2	+1			
8	+2,299	−20,1	+16,92	+14,6	+2	+1			
7	+2,083	−22,8	+18,18	+10,5	+2	+1			
7	+1,843	−24,7	+19,02	+ 6,2	+2	+2			
7	+1,590	−25,6	+19,42	+ 1,8	+2	+2			
7	+1,332	−25,4	+19,37	− 2,8	+2	+3			
7	+1,082	−24,1	+18,86	− 7,4	+2	+3			
7	+0,850	−21,9	+17,89	−12,0	+2	+3			
6	+0,645	−18,7	+16,47	−16,3	+2	+4			
6	+0,477	−14,7	+14,63	−20,4	+2	+4			
6	+0,352	−10,1	+12,40	−24,1	+1	+4			
6	+0,276	− 5,0	+ 9,82	−27,1	+1	+5			
6	+0,253	+ 0,4	+ 6,98	−29,4	+1	+5			
6	+0,283	+ 5,7	+ 3,95	−30,8	0	+5			
6	+0,366	+10,8	+ 0,83	−31,2	0	+5			

Diei reducto addendum est:

ante / post } Dec. 28 { + 1 / + 2

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *γ Aquilae.*

1790	Jan. 0	19 36 17,179	+ 10 6 54,71	1800	Jan. 0	19 36 44,447	+ 10 8
	Apr. 10	17,118	55,07		Apr. 10	44,520	
	Jul. 19	17,052	55,36		Jul. 19	44,596	
	Oct. 27	16,981	55,57		Oct. 27	44,675	
	Dec. 66	16,904	55,72		Dec. 66	44,757	
1791	Jan. 0	19 36 19,785	+ 10 7 3,85	1801	Jan. 0	19 36 47,584	+ 10 8
	Apr. 10	19,705	3,95		Apr. 10	47,668	
	Jul. 19	19,622	3,97		Jul. 19	47,753	
	Oct. 27	19,536	3,90		Oct. 27	47,838	
	Dec. 66	19,448	3,75		Dec. 66	47,924	
1792	Jan. 1	19 36 22,333	+ 10 7 12,01	1802	Jan. 0	19 36 50,750	+ 10 8 1
	Apr. 10	22,244	11,82		Apr. 10	50,836	1
	Jul. 19	22,154	11,57		Jul. 19	50,921	1
	Oct. 27	22,065	11,24		Oct. 27	51,003	1
	Dec. 66	21,975	10,84		Dec. 66	51,084	1
1793	Jan. 0	19 36 24,860	+ 10 7 19,17	1803	Jan. 0	19 36 53,912	+ 10 8 2
	Apr. 10	24,772	18,73		Apr. 10	53,991	2
	Jul. 19	24,686	18,23		Jul. 19	54,066	2
	Oct. 27	24,603	17,67		Oct. 27	54,137	2
	Dec. 66	24,524	17,06		Dec. 66	54,203	2
1794	Jan. 0	19 36 27,405	+ 10 7 25,46	1804	Jan. 1	19 36 57,037	+ 10 8 3
	Apr. 10	27,328	24,81		Apr. 10	57,101	3
	Jul. 19	27,257	24,13		Jul. 19	57,158	3
	Oct. 27	27,191	23,41		Oct. 27	57,209	4
	Dec. 66	27,131	22,66		Dec. 66	57,254	4
1795	Jan. 0	19 36 30,005	+ 10 7 31,11	1805	Jan. 0	19 37 0,095	+ 10 8 4
	Apr. 10	29,949	30,34		Apr. 10	0,136	4
	Jul. 19	29,900	29,56		Jul. 19	0,169	5
	Oct. 27	29,858	28,77		Oct. 27	0,195	5
	Dec. 66	29,824	27,96		Dec. 66	0,214	5
1796	Jan. 1	19 36 32,690	+ 10 7 36,43	1806	Jan. 0	19 37 3,063	+ 10 8 5
	Apr. 10	32,660	35,62		Apr. 10	3,077	9
	Jul. 19	32,639	34,83		Jul. 19	3,082	
	Oct. 27	32,626	34,05		Oct. 27	3,079	
	Dec. 66	32,621	33,30		Dec. 66	3,067	
1797	Jan. 0	19 36 35,477	+ 10 7 41,75	1807	Jan. 0	19 37 5,927	+ 10 9 1
	Apr. 10	35,477	41,00		Apr. 10	5,910	1
	Jul. 19	35,485	40,29		Jul. 19	5,886	1
	Oct. 27	35,501	39,62		Oct. 27	5,853	1
	Dec. 66	35,525	38,98		Dec. 66	5,813	1
1798	Jan. 0	19 36 38,371	+ 10 7 47,39	1808	Jan. 1	19 37 8,683	+ 10 9 2
	Apr. 10	38,401	46,79		Apr. 10	8,637	2
	Jul. 19	38,437	46,24		Jul. 19	8,585	2
	Oct. 27	38,480	45,74		Oct. 27	8,527	2
	Dec. 66	38,530	45,30		Dec. 66	8,462	2
1799	Jan. 0	19 36 41,367	+ 10 7 53,65	1809	Jan. 0	19 37 11,339	+ 10 9 3
	Apr. 10	41,421	53,25		Apr. 10	11,270	3
	Jul. 19	41,481	52,91		Jul. 19	11,196	3
	Oct. 27	41,545	52,64		Oct. 27	11,118	3
	Dec. 66	41,615	52,44		Dec. 66	11,036	3

Tabulae X. Sect. III. *γ Aquilae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
0	−1,″293	+ 5,2	+ 0,″10	−17,2	+1	+1	1790	19 36 16.4437	+ 10 6 47,″072
10	−1,223	+ 8,9	— 1,64	−17,3	0	+1	1791	36 19,2989	6 55,247
20	−1,116	+12,3	— 3,36	−16,9	0	+1	1792	36 22,1541	7 3,426
30	−0,977	+15,5	— 5,01	−15,8	−1	+1	1793	36 25,0093	7 11,609
. 9	−0,807	+18,4	— 6,51	−13,8	−1	+1	1794	36 27,8645	7 19,796
							1795	36 30,7197	7 27,986
19	−0,609	+21,0	— 7,77	−11,3	−2	+1	1796	36 33,5749	7 36,180
. 1	−0,387	+23,3	— 8,76	— 8,2	−2	+1	1797	36 36,4301	7 44,378
11	−0,144	+25,2	— 9,40	— 4,6	−2	+1	1798	36 39,2852	7 52,580
21	+0,117	+26,8	— 9,67	— 0,8	−2	+1	1799	36 42,1403	8 0,786
31	+0,392	+28,0	— 9,56	+ 3,1	−3	0	1800	36 44,9954	8 8,995
							1801	36 47,8505	8 17,208
10	+0,677	+28,9	— 9,05	+ 6,9	−3	0	1802	36 50,7056	8 25,425
20	+0,969	+29,3	— 8,18	+10,5	−3	0	1803	36 53,5607	8 33,646
30	+1,263	+29,2	— 6,96	+13,7	−3	0	1804	36 56,4158	8 41,870
10	+1,552	+28,4	— 5,45	+16,3	−2	0	1805	36 59,2709	8 50,098
20	+1,831	+27,2	— 3,70	+18,5	−2	0	1806	37 2,1260	8 58,330
							1807	37 4,9811	9 6,566
30	+2,095	+25,3	— 1,76	+20,0	−2	+1	1808	37 7,8362	9 14,805
n 9	+2,336	+22,8	+ 0,29	+20,8	−1	+1	1809	37 10,6912	9 23,048
9	+2,550	+19,7	+ 2,39	+21,0	−1	+1	1810	37 13,5462	9 31,295
29	+2,730	+16,1	+ 4,49	+20,8	−1	+1			
l. 9	+2,872	+12,1	+ 6,54	+19,9	0	+1			
9	+2,972	+ 7,8	+ 8,47	+18,5	0	+1			
9	+3,028	+ 3,4	+10,26	+17,0	0	+2			
ug 8	+3,039	— 2,1	+11,86	+15,0	+1	+2			
8	+3,007	— 5,2	+13,26	+12,9	+1	+2			
8	+2,935	— 9,0	+14,44	+10,6	+2	+2			
ept 7	+2,827	—12,3	+15,37	+ 8,1	+2	+3			
7	+2,690	—14,8	+16,06	+ 5,6	+2	+3			
7	+2,531	—16,6	+16,49	+ 3,1	+2	+3			
ct. 7	+2,359	—17,4	+16,67	+ 0,5	+3	+3			
7	+2,184	—17,2	+16,59	— 2,1	+3	+4			
7	+2,015	—16,2	+16,26	— 4,6	+3	+4			
ov. 6	+1,861	—14,3	+15,67	— 7,2	+2	+4			
6	+1,730	—11,7	+14,83	— 9,6	+2	+4			
6	+1,628	— 8,5	+13,76	—11,8	+2	+4			
ec. 6	+1,560	— 5,0	+12,47	—13,9	+2	+5			
6	+1,529	— 1,2	+10,99	—15,5	+1	+5			
6	+1,537	+ 2,8	+ 9,38	—16,6	+1	+5			
6	+1,584	+ 6,6	+ 7,67	—17,3	0	+5			

Diei reducto addendum est:

ante } Jan. 12 { 0
post } { + 1

n menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	19 40 32,868	+ 8 19 40,04	1800	Jan. 0	19 41 0,866	+ 8 20 5
	Apr. 10	32,806	40,39		Apr. 10	0,946	5
	Jul. 19	32,738	40,67		Jul. 19	1,018	5
	Oct. 27	32,665	40,87		Oct. 27	1,099	5
	Dec. 66	32,587	41,00		Dec. 66	1,182	5
1791	Jan. 0	19 40 35,543	+ 8 19 49,86	1801	Jan. 0	19 41 4,083	+ 8 21
	Apr. 10	35,462	49,94		Apr. 10	4,168	
	Jul. 19	35,378	49,94		Jul. 19	4,254	
	Oct. 27	35,291	49,87		Oct. 27	4,341	
	Dec. 66	35,201	49,73		Dec. 66	4,428	
1792	Jan. 1	19 40 38,160	+ 8 19 58,68	1802	Jan. 0	19 41 7,328	+ 8 21 1
	Apr. 10	38,069	58,48		Apr. 10	7,415	1
	Jul. 19	37,978	58,22		Jul. 19	7,500	1
	Oct. 27	37,888	57,88		Oct. 27	7,583	1
	Dec. 66	37,797	57,47		Dec. 66	7,665	1
1793	Jan. 0	19 40 40,756	+ 8 20 6,51	1803	Jan. 0	19 41 10,567	+ 8 21
	Apr. 10	40,667	6,06		Apr. 10	10,647	
	Jul. 19	40,580	5,56		Jul. 19	10,722	
	Oct. 27	40,497	5,00		Oct. 27	10,794	
	Dec. 66	40,416	4,38		Dec. 66	10,861	
1794	Jan. 0	19 40 43,372	+ 8 20 13,49	1804	Jan. 1	19 41 13,768	+ 8 21
	Apr. 10	43,294	12,84		Apr. 10	13,832	
	Jul. 19	43,222	12,16		Jul. 19	13,889	
	Oct. 27	43,156	11,44		Oct. 27	13,941	
	Dec. 66	43,095	10,68		Dec. 66	13,986	
1795	Jan. 0	19 40 46,043	+ 8 20 19,84	1805	Jan. 0	19 41 16,901	+ 8 21
	Apr. 10	45,987	19,07		Apr. 10	16,942	
	Jul. 19	45,938	18,29		Jul. 19	16,975	
	Oct. 27	45,896	17,50		Oct. 27	17,000	
	Dec. 66	45,862	16,70		Dec. 66	17,019	
1796	Jan. 1	19 40 48,801	+ 8 20 25,87	1806	Jan. 0	19 41 19,942	+ 8 21
	Apr. 10	48,772	25,07		Apr. 10	19,955	
	Jul. 19	48,751	24,29		Jul. 19	19,960	
	Oct. 27	48,738	23,52		Oct. 27	19,957	
	Dec. 66	48,734	22,76		Dec. 66	19,944	
1797	Jan. 0	19 40 51,663	+ 8 20 31,92	1807	Jan. 0	19 41 22,878	+ 8 22
	Apr. 10	51,664	31,19		Apr. 10	22,860	
	Jul. 19	51,673	30,49		Jul. 19	22,834	
	Oct. 27	51,690	29,83		Oct. 27	22,801	
	Dec. 66	51,715	29,20		Dec. 66	22,760	
1798	Jan. 0	19 40 54,635	+ 8 20 38,32	1808	Jan. 1	19 41 25,703	+ 8 22
	Apr. 10	54,665	37,72		Apr. 10	25,657	
	Jul. 19	54,702	37,18		Jul. 19	25,604	
	Oct. 27	54,746	36,69		Oct. 27	25,544	
	Dec. 66	54,797	36,26		Dec. 66	25,477	
1799	Jan. 0	19 40 57,708	+ 8 20 45,32	1809	Jan. 0	19 41 28,429	+ 8 22
	Apr. 10	57,764	44,93		Apr. 10	28,359	
	Jul. 19	57,825	44,61		Jul. 19	28,284	
	Oct. 27	57,891	44,35		Oct. 27	28,204	
	Dec. 66	57,962	44,16		Dec. 66	28,120	

Tabulae X. Sect. III. *α Aquilae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	−1,279	+ 5,0	− 0,01	−16,0	+1	+1	1790	19 40 32,1270	+ 8 19 32,371
10	−1,211	+ 8,7	− 1,63	−16,2	0	+1	1791	40 35,0561	19 41,259
20	−1,106	+12,1	− 3,24	−15,8	0	+1	1792	40 37,9852	19 50,151
30	−0,969	+15,3	− 4,78	−14,6	−1	+1	1793	40 40,9143	19 59,047
.9	−0,801	+18,2	− 6,16	−12,8	−1	+1	1794	40 43,8434	20 7,947
							1795	40 46,7724	20 16,851
19	−0,606	+20,8	− 7,33	−10,3	−2	+1	1796	40 49,7014	20 25,759
.1	−0,386	+23,1	− 8,22	− 7,3	−2	+1	1797	40 52,6304	20 34,670
11	−0,145	+25,0	− 8,79	− 4,0	−2	+1	1798	40 55,5593	20 43,585
21	+0,114	+26,7	− 9,01	− 0,3	−3	0	1799	40 58,4883	20 52,504
31	+0,389	+28,0	− 8,85	+ 3,5	−3	0	1800	41 1,4173	21 1,427
							1801	41 4,3463	21 10,354
10	+0,674	+28,9	− 8,32	+ 7,1	−3	0	1802	41 7,2752	21 19,285
20	+0,966	+29,4	− 7,43	+10,5	−3	0	1803	41 10,2041	21 28,219
30	+1,261	+29,3	− 6,22	+13,6	−3	0	1804	41 13,1330	21 37,157
0	+1,552	+28,7	− 4,72	+16,1	−2	0	1805	41 16,0620	21 46,099
0	+1,834	+27,5	− 3,00	+18,1	−2	0	1806	41 18,9908	21 55,045
							1807	41 21,9197	22 3,995
0	+2,101	+25,7	− 1,10	+19,5	−2	+1	1808	41 24,8486	22 12,949
.9	+2,347	+23,3	+ 0,90	+20,3	−2	+1	1809	41 27,7774	22 21,906
9	+2,566	+20,2	+ 2,95	+20,4	−1	+1	1810	41 30,7062	22 30,867
9	+2,751	+16,7	+ 4,98	+20,1	−1	+1			
9	+2,899	+12,7	+ 6,96	+19,3	0	+1			
9	+3,005	+ 8,5	+ 8,83	+18,0	0	+2			
9	+3,068	+ 4,1	+10,55	+16,3	0	+2			
.8	+3,086	− 0,4	+12,09	+14,4	+1	+2			
8	+3,060	− 4,6	+13,43	+12,3	+1	+2			
8	+2,994	− 8,5	+14,55	+10,1	+2	+3			
t.	+2,891	−11,8	+15,44	+ 7,8	+2	+3			
	+2,759	−14,3	+16,10	+ 5,4	+2	+3			
2	+2,605	−16,1	+16,51	+ 2,9	+2	+3			
..	+2,437	−16,9	+16,68	+ 0,5	+3	+4			
2	+2,266	−16,9	+16,61	− 1,9	+3	+4			
2	+2,100	−15,9	+16,30	− 4,3	+3	+4			
v.	+1,948	−14,1	+15,75	− 6,6	+3	+4			
1	+1,818	−11,6	+14,98	− 8,9	+2	+4			
2	+1,716	− 8,5	+13,98	−11,0	+2	+4			
2.	+1,649	− 4,9	+12,78	−12,9	+2	+5			
1	+1,618	− 1,2	+11,41	−14,4	+1	+5			
2	+1,625	+ 2,7	+ 9,90	−15,5	+1	+5			
3	+1,671	+ 6,4	+ 8,31	−16,2	0	+5			

Diei reducto addendum est:

ante } Jan. 13 { 0
post } { + 1

menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Aquilae.*

		α	δ				α	δ	
		h ′	° ′	″			h ′	° ′	″
1790	Jan. 0	19 45	+ 5 53	45,56	1800	Jan. 0	19 45	+ 5 54	53
	Apr. 10			45,90		Apr. 10			53
	Jul. 19			46,16		Jul. 19			53
	Oct. 27			46,35		Oct. 27			53
	Dec. 66			46,47		Dec. 66			53
1791	Jan. 0	19 45	+ 5 53	54,82	1801	Jan. 0	19 45	+ 5 55	1
	Apr. 10			54,89		Apr. 10			1
	Jul. 19			54,88		Jul. 19			2
	Oct. 27			54,80		Oct. 27			2
	Dec. 66			54,64		Dec. 66			2
1792	Jan. 1	19 45	+ 5 54	3,08	1802	Jan. 0	19 45	+ 5 55	11
	Apr. 10			2,87		Apr. 10			11
	Jul. 19			2,60		Jul. 19			11
	Oct. 27			2,25		Oct. 27			12
	Dec. 66			1,84		Dec. 66			12
1793	Jan. 0	19 45	+ 5 54	10,37	1803	Jan. 0	19 45	+ 5 55	21
	Apr. 10			9,91		Apr. 10			21
	Jul. 19			9,40		Jul. 19			22
	Oct. 27			8,83		Oct. 27			22
	Dec. 66			8,20		Dec. 66			23
1794	Jan. 0	19 45	+ 5 54	16,81	1804	Jan. 1	19 45	+ 5 55	31
	Apr. 10			16,16		Apr. 10			32
	Jul. 19			15,47		Jul. 19			33
	Oct. 27			14,75		Oct. 27			33
	Dec. 66			13,99		Dec. 66			34
1795	Jan. 0	19 45	+ 5 54	22,64	1805	Jan. 0	19 45	+ 5 55	42
	Apr. 10			21,87		Apr. 10			43
	Jul. 19			21,09		Jul. 19			44
	Oct. 27			20,30		Oct. 27			45
	Dec. 66			19,50		Dec. 66			46
1796	Jan. 1	19 45	+ 5 54	28,16	1806	Jan. 0	19 45	+ 5 55	54
	Apr. 10			27,37		Apr. 10			54
	Jul. 19			26,59		Jul. 19			55
	Oct. 27			25,82		Oct. 27			56
	Dec. 66			25,07		Dec. 66			57
1797	Jan. 0	19 45	+ 5 54	33,72	1807	Jan. 0	19 45	+ 5 56	5
	Apr. 10			32,99		Apr. 10			6
	Jul. 19			32,30		Jul. 19			6
	Oct. 27			31,65		Oct. 27			7
	Dec. 66			31,03		Dec. 66			7
1798	Jan. 0	19 45	+ 5 54	39,63	1808	Jan. 1	19 45	+ 5 56	15
	Apr. 10			39,05		Apr. 10			16
	Jul. 19			38,52		Jul. 19			16
	Oct. 27			38,05		Oct. 27			17
	Dec. 66			37,63		Dec. 66			17
1799	Jan. 0	19 45	+ 5 54	46,17	1809	Jan. 0	19 45	+ 5 56	25
	Apr. 10			45,79		Apr. 10			26
	Jul. 19			45,48		Jul. 19			26
	Oct. 27			45,24		Oct. 27			26
	Dec. 66			45,06		Dec. 66			26

Tabulae X. Sect. III. *β Aquilae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	−1,265	+ 4,7	− 0,22	−14,8	+1	+1	1790	19 44 59,7617	+ 5 53 37,853
10	−1,199	+ 8,4	− 1,72	−14,9	0	+1	1791	45 2,7123	53 46,232
20	−1,098	+11,8	− 3,20	−14,5	0	+1	1792	45 5,6629	53 54,615
30	−0,964	+14,9	− 4,62	−13,5	−1	+1	1793	45 8,6135	54 3,002
9	−0,800	+17,8	− 5,89	−11,7	−1	+1	1794	45 11,5641	54 11,393
							1795	45 14,5148	54 19,787
19	−0,609	+20,4	− 6,96	− 9,4	−2	+1	1796	45 17,4654	54 28,185
1	−0,393	+22,7	− 7,76	− 6,6	−2	+1	1797	45 20,4160	54 36,587
11	−0,155	+24,7	− 8,27	− 3,4	−2	+1	1798	45 23,3665	54 44,992
21	+0,101	+26,4	− 8,43	+ 0,1	−3	0	1799	45 26,3169	54 53,401
31	+0,372	+27,7	− 8,25	+ 3,6	−3	0	1800	45 29,2674	55 1,813
							1801	45 32,2179	55 10,230
10	+0,655	+28,7	− 7,71	+ 7,1	−3	0	1802	45 35,1684	55 18,650
20	+0,946	+29,3	− 6,83	+10,3	−3	0	1803	45 38,1189	55 27,073
30	+1,240	+29,3	− 5,66	+13,1	−3	0	1804	45 41,0693	55 35,500
10	+1,532	+28,8	− 4,22	+15,5	−2	0	1805	45 44,0197	55 43,931
20	+1,816	+27,7	− 2,57	+17,3	−2	0	1806	45 46,9701	55 52,366
							1807	45 49,9205	56 0,804
30	+2,085	+25,9	− 0,77	+18,5	−2	+1	1808	45 52,8708	56 9,246
9	+2,334	+23,6	+ 1,13	+19,2	−2	+1	1809	45 55,8212	56 17,692
19	+2,556	+20,6	+ 3,06	+19,2	−1	+1	1810	45 58,7716	56 26,142
29	+2,746	+17,2	+ 4,97	+18,8	−1	+1			
9	+2,899	+13,2	+ 6,82	+17,9	−1	+1			
19	+3,010	+ 9,0	+ 8,55	+16,6	0	+2			
29	+3,078	+ 4,6	+10,13	+15,0	0	+2			
8	+3,101	+ 0,1	+11,54	+13,1	+1	+2			
8	+3,080	− 4,1	+12,75	+11,1	+1	+2			
8	+3,019	− 8,0	+13,75	+ 9,0	+1	+3			
7	+2,921	−11,4	+14,54	+ 6,8	+2	+3			
7	+2,792	−14,0	+15,10	+ 4,5	+2	+3			
7	+2,641	−15,8	+15,44	+ 2,3	+2	+3			
7	+2,476	−16,7	+15,55	+ 0,1	+2	+3			
7	+2,307	−16,7	+15,45	− 2,1	+3	+4			
7	+2,142	−15,8	+15,13	− 4,3	+3	+4			
6	+1,991	−14,1	+14,59	− 6,4	+3	+4			
6	+1,861	−11,6	+13,85	− 8,4	+2	+4			
6	+1,759	− 8,6	+12,91	−10,3	+2	+4			
6	+1,690	− 5,1	+11,79	−12,0	+2	+4			
6	+1,658	− 1,4	+10,51	−13,4	+1	+4			
6	+1,663	+ 2,4	+ 9,11	−14,4	+1	+4			
6	+1,706	+ 6,1	+ 7,64	−15,0	0	+4			

Diei reducto addendum est:

ante } Jan. 14 { 0
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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. 1 *a Capricorni.*

		h ′ ″	° ′ ″
1790	Jan. 0	20 6 0,562	— 13 8 33,35
	Apr. 10	0,483	33,08
	Jul. 19	0,398	32,88
	Oct. 27	0,308	32,75
	Dec. 66	0,213	32,70
1791	Jan. 0	20 6 3,581	— 13 8 22,25
	Apr. 10	3,482	22,24
	Jul. 19	3,382	22,30
	Oct. 27	3,379	22,44
	Dec. 66	3,173	22,66
1792	Jan. 1	20 6 6,544	— 13 8 12,11
	Apr. 10	6,438	12,37
	Jul. 19	6,334	12,70
	Oct. 27	6,230	13,10
	Dec. 66	6,128	13,56
1793	Jan. 0	20 6 9,497	— 13 8 2,93
	Apr. 10	9,397	3,43
	Jul. 19	9,301	3,98
	Oct. 27	9,209	4,57
	Dec. 66	9,122	5,22
1794	Jan. 0	20 6 12,486	— 13 7 54,53
	Apr. 10	12,403	55,21
	Jul. 19	12,327	55,91
	Oct. 27	12,258	56,64
	Dec. 66	12,196	57,40
1795	Jan. 0	20 6 15,551	— 13 7 46,67
	Apr. 10	15,495	47,44
	Jul. 19	15,447	48,21
	Oct. 27	15,409	48,99
	Dec. 66	15,379	49,77
1796	Jan. 1	20 6 18,724	— 13 7 39,03
	Apr. 10	18,701	39,80
	Jul. 19	18,687	40,56
	Oct. 27	18,683	41,29
	Dec. 66	18,688	42,00
1797	Jan. 0	20 6 22,020	— 13 7 31,28
	Apr. 10	22,032	31,97
	Jul. 19	22,053	32,62
	Oct. 27	22,083	33,23
	Dec. 66	22,122	33,80
1798	Jan. 0	20 6 25,443	— 13 7 23,12
	Apr. 10	25,488	23,65
	Jul. 19	25,540	24,13
	Oct. 27	25,600	24,55
	Dec. 66	25,667	24,91
1799	Jan. 0	20 6 28,979	— 13 7 14,30
	Apr. 10	29,051	14,62
	Jul. 19	29,128	14,87
	Oct. 27	29,211	15,05
	Dec. 66	29,299	15,17
1800	Jan. 0	h ′ ″ 20 6 32,604	° ′ ″ — 13 7 4,64
	Apr. 10	32,695	4,71
	Jul. 19	32,789	4,72
	Oct. 27	32,885	4,65
	Dec. 66	32,984	4,52
1801	Jan. 0	20 6 36,286	— 13 6 54,07
	Apr. 10	36,386	53,89
	Jul. 19	36,486	53,65
	Oct. 27	36,586	53,35
	Dec. 66	36,686	52,98
1802	Jan. 0	20 6 39,988	— 13 6 42,60
	Apr. 10	40,086	42,19
	Jul. 19	40,182	41,73
	Oct. 27	40,275	41,22
	Dec. 66	40,365	40,65
1803	Jan. 0	20 6 43,670	— 13 6 30,33
	Apr. 10	43,757	29,73
	Jul. 19	43,839	29,10
	Oct. 27	43,915	28,43
	Dec. 66	43,985	27,72
1804	Jan. 1	20 6 47,297	— 13 6 17,45
	Apr. 10	47,363	16,72
	Jul. 19	47,421	15,98
	Oct. 27	47,472	15,23
	Dec. 66	47,515	14,46
1805	Jan. 0	20 6 50,837	— 13 6 4,20
	Apr. 10	50,874	3,43
	Jul. 19	50,902	2,66
	Oct. 27	50,922	1,90
	Dec. 66	50,932	1,15
1806	Jan. 0	20 6 54,264	— 13 5 50,88
	Apr. 10	54,268	50,15
	Jul. 19	54,262	49,44
	Oct. 27	54,247	48,77
	Dec. 66	54,223	48,13
1807	Jan. 0	20 6 57,567	— 13 5 37,81
	Apr. 10	57,535	37,20
	Jul. 19	57,497	36,63
	Oct. 27	57,448	36,12
	Dec. 66	57,391	35,67
1808	Jan. 1	20 7 0,746	— 13 5 25,28
	Apr. 10	0,683	24,86
	Jul. 19	0,613	24,51
	Oct. 27	0,536	24,23
	Dec. 66	0,453	24,01
1809	Jan. 0	20 7 3,816	— 13 5 13,54
	Apr. 10	3,728	13,37
	Jul. 19	3,636	13,28
	Oct. 27	3,539	13,26
	Dec. 66	3,438	13,31

Tabulae X. Sect. III. 1*a* *Capricorni.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,252	+ 4,1	− 2,56	− 3,5	+1	−1	1790	20 5 59,7871	− 13 8 41,184
10	−1,193	+ 7,7	− 2,89	− 3,1	+1	−1	1791	6 3,1230	8 30,724
20	−1,098	+11,2	− 3,18	− 2,5	0	−1	1792	6 6,4588	8 20,260
30	−0,970	+14,3	− 3,39	− 1,6	0	−1	1793	6 9,7945	8 9,792
Febr. 9	−0,812	+17,3	− 3,50	− 0,5	−1	−1	1794	6 13,1301	7 59,319
							1795	6 16,4657	7 48,842
19	−0,625	+19,9	− 3,48	+ 1,0	−1	−1	1796	6 19,8012	7 38,361
Mart. 1	−0,414	+22,3	− 3,31	+ 2,6	−2	−1	1797	6 23,1366	7 27,876
11	−0,179	+24,6	− 2,97	+ 4,3	−2	−1	1798	6 26,4719	7 17,387
21	+0,077	+26,5	− 2,45	+ 6,2	−3	0	1799	6 29,8071	7 6,894
31	+0,351	+28,2	− 1,74	+ 8,0	−3	0	1800	6 33,1423	6 56,397
							1801	6 36,4774	6 45,896
Apr. 10	+0,640	+29,5	− 0,86	+ 9,6	−3	0	1802	6 39,8124	6 35,391
20	+0,940	+30,4	+ 0,18	+11,0	−3	0	1803	6 43,1473	6 24,881
30	+1,247	+30,8	+ 1,33	+12,0	−3	+1	1804	6 46,4821	6 14,367
Maj. 10	+1,556	+30,8	+ 2,58	+12,7	−3	+1	1805	6 49,8169	6 3,849
20	+1,862	+30,0	+ 3,86	+12,9	−3	+1	1806	6 53,1516	5 53,327
							1807	6 56,4862	5 42,801
30	+2,156	+28,6	+ 5,15	+12,7	−3	+2	1808	6 59,8207	5 32,271
Jun. 9	+2,434	+26,6	+ 6,40	+12,1	−3	+2	1809	7 3,1551	5 21,737
19	+2,687	+23,8	+ 7,57	+11,1	−2	+2	1810	7 6,4894	5 11,199
29	+2,910	+20,5	+ 8,62	+ 9,9	−2	+3			
Jul. 9	+3,097	+16,7	+ 9,54	+ 8,4	−1	+3			
19	+3,243	+12,3	+10,30	+ 6,8	−1	+3			
29	+3,343	+ 7,8	+10,89	+ 5,1	−1	+4			
Aug. 8	+3,398	+ 3,2	+11,31	+ 3,4	0	+4			
18	+3,406	− 1,4	+11,57	+ 1,9	0	+4			
28	+3,370	− 5,6	+11,68	+ 0,5	+1	+4			
Sept. 7	+3,294	− 9,4	+11,66	− 0,7	+1	+4			
17	+3,183	−12,4	+11,54	− 1,7	+2	+4			
27	+3,046	−14,6	+11,33	− 2,5	+2	+4			
Oct. 7	+2,891	−16,0	+11,05	− 3,0	+2	+4			
17	+2,727	−16,3	+10,74	− 3,3	+3	+4			
27	+2,565	−15,7	+10,40	− 3,5	+3	+4			
Nov. 6	+2,414	−14,2	+10,04	− 3,7	+3	+4			
16	+2,282	−11,9	+ 9,67	− 3,8	+2	+4			
26	+2,177	− 9,0	+ 9,29	− 3,8	+2	+4			
Dec. 6	+2,103	− 5,6	+ 8,92	− 3,8	+2	+4			
16	+2,065	− 2,0	+ 8,54	− 3,8	+1	+4			
26	+2,064	+ 1,8	+ 8,16	− 3,7	+1	+4			
36	+2,101	+ 5,5	+ 7,81	− 3,4	0	+3			

Diei reducto addendum est:

ante } Jan. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect III. 2 α *Capricorni.*

		^{h} $'$ $''$	$^\circ$ $'$ $''$			^{h} $'$ $''$	$^\circ$ $'$ $''$
1790	Jan. 0	20 6 24,234	—13 10 52,08	1800	Jan. 0	20 6 56,323	— 13 9 23,09
	Apr. 10	24,155	51,81		Apr. 10	56,414	23,17
	Jul. 19	24,070	51,61		Jul. 19	56,507	23,18
	Oct. 27	23,980	51,48		Oct. 27	56,604	23,11
	Dec. 66	23,885	51,43		Dec. 66	56,703	22,97
1791	Jan. 0	20 6 27,258	—13 10 40,95	1801	Jan. 0	20 7 0,009	— 13 9 12,49
	Apr. 10	27,159	40,94		Apr. 10	0,109	12,32
	Jul. 19	27,058	41,01		Jul. 19	0,209	12,08
	Oct. 27	26,955	41,15		Oct. 27	0,309	11,77
	Dec. 66	26,850	41,37		Dec. 66	0,409	11,39
1792	Jan. 1	20 6 30,226	—13 10 30,79	1802	Jan. 0	20 7 3,715	— 13 9 0,99
	Apr. 10	30,120	31,06		Apr. 10	3,814	0,58
	Jul. 19	30,015	31,39		Jul. 19	3,910	0,12
	Oct. 27	29,910	31,78		Oct. 27	4,003	8 59,60
	Dec. 66	29,809	32,24		Dec. 66	4,093	59,03
1793	Jan. 0	20 6 33,183	—13 10 21,58	1803	Jan. 0	20 7 7,403	— 13 8 48,69
	Apr. 10	33,083	22,08		Apr. 10	7,490	48,09
	Jul. 19	32,987	22,63		Jul. 19	7,571	47,46
	Oct. 27	32,895	23,23		Oct. 27	7,647	46,79
	Dec. 66	32,808	23,88		Dec. 66	7,717	46,08
1794	Jan. 0	20 6 36,176	—13 10 13,16	1804	Jan. 1	20 7 11,034	— 13 8 35,78
	Apr. 10	36,093	13,84		Apr. 10	11,100	35,05
	Jul. 19	36,017	14,54		Jul. 19	11,158	34,31
	Oct. 27	35,948	15,27		Oct. 27	11,209	33,56
	Dec. 66	35,886	16,03		Dec. 66	11,252	32,79
1795	Jan. 0	20 6 39,246	—13 10 5,27	1805	Jan. 0	20 7 14,578	— 13 8 22,50
	Apr. 10	39,190	6,04		Apr. 10	14,615	21,73
	Jul. 19	39,142	6,82		Jul. 19	14,643	20,96
	Oct. 27	39,104	7,59		Oct. 27	14,662	20,21
	Dec. 66	39,074	8,37		Dec. 66	14,673	19,46
1796	Jan. 1	20 6 42,423	—13 9 57,60	1806	Jan. 0	20 7 18,010	— 13 8 9,16
	Apr. 10	42,400	58,37		Apr. 10	18,014	8,43
	Jul. 19	42,386	59,13		Jul. 19	18,008	7,72
	Oct. 27	42,382	59,87		Oct. 27	17,993	7,04
	Dec. 66	42,388	10 0,58		Dec. 66	17,968	6,40
1797	Jan. 0	20 6 45,725	—13 9 49,83	1807	Jan. 0	20 7 21,317	— 13 7 56,06
	Apr. 10	45,737	50,52		Apr. 10	21,286	55,45
	Jul. 19	45,757	51,17		Jul. 19	21,247	54,89
	Oct. 27	45,787	51,77		Oct. 27	21,198	54,38
	Dec. 66	45,826	52,34		Dec. 66	21,141	53,92
1798	Jan. 0	20 6 49,152	—13 9 41,64	1808	Jan. 1	20 7 24,500	— 13 7 43,51
	Apr. 10	49,197	42,17		Apr. 10	24,438	43,09
	Jul. 19	49,249	42,64		Jul. 19	24,368	42,74
	Oct. 27	49,309	43,06		Oct. 27	24,291	42,45
	Dec. 66	49,376	43,42		Dec. 66	24,207	42,24
1799	Jan. 0	20 6 52,693	—13 9 32,78	1809	Jan. 0	20 7 27,575	— 13 7 31,75
	Apr. 10	52,765	33,10		Apr. 10	27,487	31,58
	Jul. 19	52,842	33,35		Jul. 19	27,395	31,48
	Oct. 27	52,925	33,53		Oct. 27	27,298	31,46
	Dec. 66	53,013	33,65		Dec. 66	27,197	31,51

Tabulae X. Sect. III. 2*a* *Capricorni*.

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
n. 0	−1,252	+ 4,1	− 2,57	− 3,5	+1	−1	1790	20 6 23,4597	−13 10 59,914
10	−1,192	+ 7,7	− 2,90	− 3,1	+1	−1	1791	6 26,8001	10 49,426
20	−1,098	+11,1	− 3,18	− 2,5	0	−1	1792	6 30,1405	10 38,934
30	−0,970	+14,3	− 3,39	− 1,6	0	−1	1793	6 33,4808	10 28,438
ebr. 9	−0,812	+17,2	− 3,50	− 0,5	−1	−1	1794	6 36,8210	10 17,938
							1795	6 40,1611	10 7,434
19	−0,626	+19,9	− 3,48	+ 1,0	−1	−1	1796	6 43,5011	9 56,926
art. 1	−0,415	+22,3	− 3,30	+ 2,6	−2	−1	1797	6 46,8411	9 46,413
11	−0,180	+24,6	− 2,96	+ 4,4	−2	−1	1798	6 50,1810	9 35,896
21	+0,076	+26,5	− 2,43	+ 6,2	−3	0	1799	6 53,5208	9 25,375
31	+0,350	+28,2	− 1,72	+ 8,0	−3	0	1800	6 56,8605	9 14,850
							1801	7 0,2001	9 4,321
pr. 10	+0,639	+29,5	− 0,84	+ 9,6	−3	0	1802	7 3,5397	8 53,788
20	+0,939	+30,4	+ 0,20	+11,0	−3	0	1803	7 6,8792	8 43,250
30	+1,247	+30,9	+ 1,36	+12,0	−3	0	1804	7 10,2186	8 32,709
Iaj. 10	+1,556	+30,7	+ 2,60	+12,7	−3	+1	1805	7 13,5579	8 22,164
20	+1,861	+30,0	+ 3,89	+12,9	−3	+1	1806	7 16,8971	8 11,614
							1807	7 20,2363	8 1,060
30	+2,156	+28,7	+ 5,18	+12,7	−3	+2	1808	7 23,5754	7 50,502
Jn. 9	+2,434	+26,6	+ 6,43	+12,1	−3	+2	1809	7 26,9144	7 39,941
19	+2,688	+23,9	+ 7,60	+11,1	−2	+2	1810	7 30,2532	7 29,375
29	+2,912	+20,6	+ 8,65	+ 9,9	−2	+3			
J. 9	+3,099	+16,7	+ 9,57	+ 8,4	−2	+3			
19	+3,245	+12,4	+10,32	+ 6,8	−1	+3			
29	+3,346	+ 7,8	+10,92	+ 5,1	−1	+4			
Ag. 8	+3,401	+ 3,2	+11,33	+ 3,4	0	+4			
18	+3,410	− 1,4	+11,59	+ 1,9	0	+4			
28	+3,374	− 5,6	+11,70	+ 0,5	+1	+4			
Sept. 7	+3,298	− 9,3	+11,68	− 0,8	+1	+4			
17	+3,188	−12,4	+11,55	− 1,7	+2	+4			
27	+3,051	−14,6	+11,34	− 2,4	+2	+4			
O. 7	+2,896	−15,9	+11,07	− 3,0	+2	+4			
17	+2,733	−16,3	+10,75	− 3,3	+2	+4			
27	+2,571	−15,7	+10,41	− 3,5	+3	+4			
Nv. 6	+2,420	−14,2	+10,05	− 3,7	+3	+4			
16	+2,288	−11,9	+ 9,68	− 3,8	+2	+4			
26	+2,182	− 9,0	+ 9,30	− 3,8	+2	+4			
D. 6	+2,109	− 5,6	+ 8,93	− 3,8	+2	+4			
16	+2,071	− 2,0	+ 8,55	− 3,8	+1	+4			
26	+2,070	+ 1,8	+ 8,18	− 3,6	+1	+3			
36	+2,106	+ 5,5	+ 7,83	− 3,4	0	+3			

Diei reducto addendum est:

ante } Jan. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Cygni.*

		α	δ
1790	Jan. 0	20h 34′ 17″,418	+44° 32′ 20″,51
	Apr. 10	17,397	20,70
	Jul. 19	17,369	20,81
	Oct. 27	17,336	20,86
	Dec. 66	17,296	20,83
1791	Jan. 0	20 34 19,350	+44 32 33,34
	Apr. 10	19,306	33,26
	Jul. 19	19,258	33,12
	Oct. 27	19,204	32,90
	Dec. 66	19,146	32,62
1792	Jan. 1	20 34 21,206	+44 32 45,22
	Apr. 10	21,145	44,89
	Jul. 19	21,081	44,50
	Oct. 27	21,013	44,04
	Dec. 66	20,943	43,53
1793	Jan. 0	20 34 23,007	+44 32 56,21
	Apr. 10	22,936	55,67
	Jul. 19	22,864	55,08
	Oct. 27	22,792	54,45
	Dec. 66	22,719	53,77
1794	Jan. 0	20 34 24,784	+44 33 6,50
	Apr. 10	24,711	5,81
	Jul. 19	24,640	5,09
	Oct. 27	24,571	4,36
	Dec. 66	24,503	3,60
1795	Jan. 0	20 34 26,566	+44 33 16,36
	Apr. 10	26,500	15,60
	Jul. 19	26,438	14,85
	Oct. 27	26,380	14,10
	Dec. 66	26,327	13,35
1796	Jan. 1	20 34 28,385	+44 33 26,10
	Apr. 10	28,334	25,37
	Jul. 19	28,288	24,66
	Oct. 27	28,248	23,98
	Dec. 66	28,213	23,32
1797	Jan. 0	20 34 30,265	+44 33 36,05
	Apr. 10	30,234	35,42
	Jul. 19	30,209	34,83
	Oct. 27	30,191	34,30
	Dec. 66	30,179	33,81
1798	Jan. 0	20 34 32,223	+44 33 46,48
	Apr. 10	32,215	46,02
	Jul. 19	32,213	45,63
	Oct. 27	32,218	45,29
	Dec. 66	32,230	45,02
1799	Jan. 0	20 34 34,266	+44 33 57,62
	Apr. 10	34,282	57,38
	Jul. 19	34,303	57,21
	Oct. 27	34,330	57,11
	Dec. 66	34,363	57,08
1800	Jan. 0	20h 34′ 36″,392	+44° 34′ 9″,60
	Apr. 10	36,429	9,61
	Jul. 19	36,471	9,68
	Oct. 27	36,517	9,82
	Dec. 66	36,568	10,03
1801	Jan. 0	20 34 38,591	+44 34 22,47
	Apr. 10	38,645	22,72
	Jul. 19	38,703	23,02
	Oct. 27	38,764	23,39
	Dec. 66	38,828	23,82
1802	Jan. 0	20 34 40,847	+44 34 36,19
	Apr. 10	40,913	36,65
	Jul. 19	40,980	37,16
	Oct. 27	41,048	37,71
	Dec. 66	41,118	38,31
1803	Jan. 0	20 34 43,136	+44 34 50,63
	Apr. 10	43,206	51,26
	Jul. 19	43,276	51,91
	Oct. 27	43,345	52,59
	Dec. 66	43,414	53,30
1804	Jan. 1	20 34 45,432	+44 35 5,59
	Apr. 10	45,499	6,31
	Jul. 19	45,564	7,04
	Oct. 27	45,626	7,78
	Dec. 66	45,686	8,54
1805	Jan. 0	20 34 47,707	+44 35 20,81
	Apr. 10	47,764	21,56
	Jul. 19	47,817	22,29
	Oct. 27	47,865	23,01
	Dec. 66	47,909	23,71
1806	Jan. 0	20 34 49,936	+44 35 36,01
	Apr. 10	49,976	36,69
	Jul. 19	50,011	37,34
	Oct. 27	50,040	37,95
	Dec. 66	50,062	38,52
1807	Jan. 0	20 34 52,096	+44 35 50,87
	Apr. 10	52,115	51,41
	Jul. 19	52,127	51,90
	Oct. 27	52,132	52,32
	Dec. 66	52,130	52,71
1808	Jan. 1	20 34 54,172	+44 36 5,12
	Apr. 10	54,166	5,45
	Jul. 19	54,153	5,72
	Oct. 27	54,133	5,92
	Dec. 66	54,108	6,05
1809	Jan. 0	20 34 56,158	+44 36 18,55
	Apr. 10	56,128	18,64
	Jul. 19	56,092	18,65
	Oct. 27	56,050	18,59
	Dec. 66	56,003	18,46

Tabulae X. Sect. III. *α Cygni.*

	1800		1800		Var. 10 annor.	
	″	″	″	″		
Ja. 0	—1,606	— 7,3	+ 6,49	—26,5	0	+2
10	—1,655	— 2,5	+ 3,72	—28,5	0	+3
20	—1,655	+ 2,5	+ 0,79	—29,5	—1	+3
30	—1,606	+ 7,5	— 2,18	—29,4	—1	+3
Fr. 9	—1,506	+12,4	— 5,08	—28,1	—2	+3
19	—1,358	+17,1	— 7,79	—25,6	—2	+2
Mrt. 1	—1,164	+21,6	—10,20	—22,1	—2	+2
11	—0,926	+25,8	—12,21	—17,7	—3	+2
21	—0,649	+29,4	—13,74	—12,7	—3	+1
31	—0,339	+32,4	—14,74	— 7,1	—3	+1
Apr. 10	—0,002	+34,7	—15,16	— 1,3	—3	+1
20	+0,354	+36,2	—14,99	+ 4,7	—3	0
30	+0,721	+36,8	—14,23	+10,3	—2	0
Mai. 10	+1,090	+36,6	—12,93	+15,6	—2	0
20	+1,452	+35,3	—11,11	+20,4	—2	—1
30	+1,796	+33,2	— 8,86	+24,4	—1	—1
Jun 9	+2,115	+30,2	— 6,23	+27,8	—1	—1
19	+2,400	+26,4	— 3,31	+30,3	—1	—1
29	+2,643	+21,9	— 0,17	+32,1	0	—1
Jul 9	+2,838	+16,9	+ 3,10	+33,0	0	—1
19	+2,980	+11,4	+ 6,42	+33,1	+1	—1
29	+3,065	+ 5,7	+ 9,71	+32,4	+1	—1
Aug. 8	+3,094	+ 0,1	+12,89	+31,1	+1	—1
18	+3,066	— 5,5	+15,92	+29,1	+2	0
28	+2,984	—10,7	+18,71	+26,5	+2	0
Sep. 7	+2,853	—15,3	+21,22	+23,4	+2	0
17	+2,677	—19,3	+23,39	+19,9	+3	+1
27	+2,467	—22,4	+25,19	+15,9	+3	+1
Oct 7	+2,229	—24,7	+26,57	+11,6	+3	+1
17	+1,973	—26,0	+27,50	+ 7,0	+3	+2
27	+1,710	—26,2	+27,96	+ 2,2	+3	+2
Nov 6	+1,450	—25,4	+27,93	— 2,8	+3	+3
16	+1,202	—23,8	+27,40	— 7,8	+3	+3
26	+0,974	—21,3	+26,37	—12,7	+2	+4
Dec 6	+0,776	—18,1	+24,87	—17,2	+2	+4
16	+0,612	—14,4	+22,93	—21,3	+2	+4
26	+0,489	—10,1	+20,62	—24,7	+1	+5
36	+0,410	— 5,5	+17,99	—27,4	+1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	20 34 16,6608	+44 32 12,615
1791	34 18,7012	32 25,111
1792	34 20,7416	32 37,609
1793	34 22,7820	32 50,109
1794	34 24,8224	33 2,611
1795	34 26,8629	33 15.116
1796	34 28,9034	33 27,623
1797	34 30,9439	33 40,132
1798	34 32,9844	33 52,644
1799	34 35,0250	34 5,158
1800	34 37,0656	34 17,673
1801	34 39,1062	34 30,191
1802	34 41,1468	34 42,712
1803	34 43,1875	34 55,235
1804	34 45,2282	35 7,760
1805	34 47,2689	35 20,287
1806	34 49,3096	35 32,817
1807	34 51,3504	35 45,349
1808	34 53,3912	35 57,883
1809	34 55,4320	36 10,419
1810	34 57,4728	36 22,958

Diei reducto addendum est:

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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Aquarii.*

		α		δ	
1790	Jan. 0	21h 55′ 0″,378	—	1° 19′ 52″,91	
	Apr. 10	0,309		52,98	
	Jul. 19	0,234		53,12	
	Oct. 27	0,153		53,32	
	Dec. 66	0,067		53,58	
1791	Jan. 0	21 55 3,182	—	1 19 36,36	
	Apr. 10	3,093		36,66	
	Jul. 19	3,002		37,02	
	Oct. 27	2,908		37,43	
	Dec. 66	2,811		37,90	
1792	Jan. 1	21 55 5,929	—	1 19 20,60	
	Apr. 10	5,831		21,10	
	Jul. 19	5,734		21,64	
	Oct. 27	5,638		22,21	
	Dec. 66	5,542		22,83	
1793	Jan. 0	21 55 8,659	—	1 19 5,48	
	Apr. 10	8,565		6,12	
	Jul. 19	8,474		6,77	
	Oct. 27	8,387		7,44	
	Dec. 66	8,304		8,12	
1794	Jan. 0	21 55 11,416	—	1 18 50,76	
	Apr. 10	11,336		51,45	
	Jul. 19	11,263		52,14	
	Oct. 27	11,195		52,82	
	Dec. 66	11,134		53,50	
1795	Jan. 0	21 55 14,239	—	1 18 36,13	
	Apr. 10	14,182		36,80	
	Jul. 19	14,134		37,44	
	Oct. 27	14,094		38,06	
	Dec. 66	14,062		38,65	
1796	Jan. 1	21 55 17,156	—	1 18 21,32	
	Apr. 10	17,130		21,88	
	Jul. 19	17,112		22,41	
	Oct. 27	17,103		22,89	
	Dec. 66	17,103		23,32	
1797	Jan. 0	21 55 20,187	—	1 18 6,04	
	Apr. 10	20,193		6,44	
	Jul. 19	20,207		6,79	
	Oct. 27	20,230		7,09	
	Dec. 66	20,261		7,33	
1798	Jan. 0	21 55 23,334	—	1 17 50,11	
	Apr. 10	23,371		50,31	
	Jul. 19	23,415		50,45	
	Oct. 27	23,466		50,52	
	Dec. 66	23,524		50,54	
1799	Jan. 0	21 55 26,589	—	1 17 33,40	
	Apr. 10	26,651		33,37	
	Jul. 19	26,719		33,29	
	Oct. 27	26,792		33,15	
	Dec. 66	26,871		32,95	
1800	Jan. 0	21h 55′ 29″,929	—	1° 17′ 15″,87	
	Apr. 10	30,011		15,63	
	Jul. 19	30,095		15,34	
	Oct. 27	30,183		15,00	
	Dec. 66	30,273		14,60	
1801	Jan. 0	21 55 33,328	—	1 16 57,59	
	Apr. 10	33,419		57,16	
	Jul. 19	33,511		56,70	
	Oct. 27	33,603		56,19	
	Dec. 66	33,696		55,64	
1802	Jan. 0	21 55 36,750	—	1 16 38,67	
	Apr. 10	36,842		38,10	
	Jul. 19	36,932		37,51	
	Oct. 27	37,020		36,89	
	Dec. 66	37,105		36,25	
1803	Jan. 0	21 55 40,161	—	1 16 19,31	
	Apr. 10	40,244		18,66	
	Jul. 19	40,323		18,00	
	Oct. 27	40,396		17,34	
	Dec. 66	40,464		16,67	
1804	Jan. 1	21 55 43,527	—	1 15 59,73	
	Apr. 10	43,592		59,06	
	Jul. 19	43,650		58,41	
	Oct. 27	43,701		57,77	
	Dec. 66	43,745		57,14	
1805	Jan. 0	21 55 46,816	—	1 15 40,19	
	Apr. 10	46,855		39,58	
	Jul. 19	46,886		39,01	
	Oct. 27	46,909		38,46	
	Dec. 66	46,923		37,95	
1806	Jan. 0	21 55 50,004	—	1 15 20,96	
	Apr. 10	50,013		20,48	
	Jul. 19	50,013		20,05	
	Oct. 27	50,004		19,67	
	Dec. 66	49,987		19,33	
1807	Jan. 0	21 55 53,078	—	1 15 2,27	
	Apr. 10	53,055		1,98	
	Jul. 19	53,023		1,75	
	Oct. 27	52,983		1,57	
	Dec. 66	52,935		1,46	
1808	Jan. 1	21 55 56,036	—	1 14 44,32	
	Apr. 10	55,982		44,25	
	Jul. 19	55,922		44,25	
	Oct. 27	55,855		44,31	
	Dec. 66	55,781		44,43	
1809	Jan. 0	21 55 58,891	—	1 14 27,21	
	Apr. 10	58,813		27,38	
	Jul. 19	58,730		27,61	
	Oct. 27	58,643		27,90	
	Dec. 66	58,552		28,25	

Tabulae X. Sect. III. *a Aquarii.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
0	−0,845	− 5,2	− 1,32	− 7,7	+2	+1	1790	21 54 59,6235	− 1 20 0,326
10	−0,885	− 2,7	− 2,09	− 7,6	+2	+1	1791	55 2,7087	19 43,198
20	−0,899	0,0	− 2,83	− 7,1	+2	+1	1792	55 5,7939	19 26,067
30	−0,885	+ 2,8	− 3,50	− 6,1	+1	+1	1793	55 8,8791	19 8,934
9	−0,844	+ 5,6	− 4,05	− 4,8	0	+1	1794	55 11,9642	18 51,799
							1795	55 15,0492	18 34,661
19	−0,774	+ 8,6	− 4,46	− 3,1	0	0	1796	55 18,1342	18 17,521
1	−0,673	+11,6	− 4,67	− 1,0	−1	0	1797	55 21,2192	18 0,379
11	−0,542	+14,8	− 4,66	+ 1,4	−1	0	1798	55 24,3041	17 43,234
21	−0,378	+17,9	− 4,40	+ 4,0	−2	0	1799	55 27,3890	17 26,087
31	−0,185	+20,9	− 3,87	+ 6,7	−2	0	1800	55 30,4739	17 8,938
							1801	55 33,5587	16 51,787
0	+0,038	+23,7	− 3,06	+ 9,5	−2	−1	1802	55 36,6435	16 34,633
0	+0,289	+26,2	− 1,98	+12,0	−3	−1	1803	55 39,7282	16 17,477
0	+0,562	+28,3	− 0,66	+14,3	−3	−1	1804	55 42,8129	16 0,319
0	+0,855	+29,9	+ 0,88	+16,3	−3	−1	1805	55 45,8975	15 43,159
0	+1,160	+30,8	+ 2,59	+17,8	−3	−1	1806	55 48,9821	15 25,996
							1807	55 52,0667	15 8,831
0	+1,471	+31,0	+ 4,44	+18,8	−3	−1	1808	55 55,1512	14 51,664
9	+1,780	+30,4	+ 6,35	+19,3	−3	−1	1809	55 58,2356	14 34,494
9	+2,079	+29,1	+ 8,29	+19,3	−3	0	1810	56 1,3200	14 17,322
9	+2,361	+27,0	+10,20	+18,7	−2	0			
9	+2,619	+24,2	+12,03	+17,6	−2	0			
9	+2,844	+20,7	+13,72	+16,2	−2	0			
9	+3,033	+16,9	+15,26	+14,5	−1	+1			
3	+3,181	+12,7	+16,61	+12,4	−1	+1			
3	+3,285	+ 8,3	+17,74	+10,3	−1	+1			
3	+3,345	+ 3,9	+18,66	+ 8,1	0	+2			
	+3,362	− 0,3	+19,35	+ 5,9	0	+2			
	+3,339	− 4,1	+19,83	+ 3,8	+1	+2			
	+3,280	− 7,4	+20,10	+ 1,8	+1	+3			
	+3,192	− 9,9	+20,19	0,0	+2	+3			
	+3,082	−11,8	+20,10	− 1,6	+2	+3			
	+2,957	−12,9	+19,87	− 3,0	+2	+3			
	+2,824	−13,3	+19,50	− 4,3	+3	+3			
	+2,692	−13,0	+19,02	− 5,3	+3	+4			
	+2,565	−12,0	+18,44	− 6,2	+3	+4			
	+2,452	−10,6	+17,79	− 6,9	+3	+4			
	+2,354	− 8,8	+17,07	− 7,4	+2	+4			
	+2,276	− 6,6	+16,31	− 7,7	+2	+4			
	+2,222	− 4,3	+15,54	− 7,7	+2	+3			

Diei reducto addendum est:

ante / post } Febr. 14 { 0 / +1

menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *a Piscis austrini.*

		h ′ ″	° ′ ″
1790	Jan. 0	22 46 1,362	—30 43 46,46
	Apr. 10	1,266	46,70
	Jul. 19	1,166	46,99
	Oct. 27	1,062	47,33
	Dec. 66	0,955	47,73
1791	Jan. 0	22 46 4,339	—30 43 28,80
	Apr. 10	4,230	29,22
	Jul. 19	4,122	29,69
	Oct. 27	4,013	30,20
	Dec. 66	3,904	30,76
1792	Jan. 1	22 46 7,288	—30 43 11,77
	Apr. 10	7,180	12,34
	Jul. 19	7,076	12,94
	Oct. 27	6,975	13,56
	Dec. 66	6,878	14,20
1793	Jan. 0	22 46 10,257	—30 42 55,19
	Apr. 10	10,163	55,84
	Jul. 19	10,075	56,49
	Oct. 27	9,994	57,14
	Dec. 66	9,920	57,79
1794	Jan. 0	22 46 13,291	—30 42 38,77
	Apr. 10	13,222	39,42
	Jul. 19	13,162	40,04
	Oct. 27	13,111	40,65
	Dec. 66	13,068	41,24
1795	Jan. 0	22 46 16,428	—30 42 22,25
	Apr. 10	16,392	22,81
	Jul. 19	16,366	23,34
	Oct. 27	16,350	23,83
	Dec. 66	16,343	24,28
1796	Jan. 1	22 46 19,691	—30 42 5,34
	Apr. 10	19,691	5,76
	Jul. 19	19,701	6,13
	Oct. 27	19,721	6,45
	Dec. 66	19,751	6,72
1797	Jan. 0	22 46 23,087	—30 41 47,83
	Apr. 10	23,123	48,07
	Jul. 19	23,167	48,24
	Oct. 27	23,221	48,36
	Dec. 66	23,283	48,42
1798	Jan. 0	22 46 26,607	—30 41 29,61
	Apr. 10	26,674	29,63
	Jul. 19	26,748	29,60
	Oct. 27	26,828	29,51
	Dec. 66	26,914	29,36
1799	Jan. 0	22 46 30,230	—30 41 10,61
	Apr. 10	30,320	10,43
	Jul. 19	30,414	10,19
	Oct. 27	30,511	9,90
	Dec. 66	30,612	9,56
1800	Jan. 0	22 46 33,924	—30 40 5[illegible]
	Apr. 10	34,026	5[illegible]
	Jul. 19	34,129	5[illegible]
	Oct. 27	34,233	4[illegible]
	Dec. 66	34,338	4[illegible]
1801	Jan. 0	22 46 37,649	—30 40 3[illegible]
	Apr. 10	37,753	3[illegible]
	Jul. 19	37,855	2[illegible]
	Oct. 27	37,955	2[illegible]
	Dec. 66	38,052	2[illegible]
1802	Jan. 0	22 46 41,365	—30 40 [illegible]
	Apr. 10	41,460	[illegible]
	Jul. 19	41,550	[illegible]
	Oct. 27	41,635	[illegible]
	Dec. 66	41,715	[illegible]
1803	Jan. 0	22 46 45,034	—30 39 4[illegible]
	Apr. 10	45,110	4[illegible]
	Jul. 19	45,178	4[illegible]
	Oct. 27	45,239	4[illegible]
	Dec. 66	45,293	4[illegible]
1804	Jan. 1	22 46 48,621	—30 39 2[illegible]
	Apr. 10	48,670	2[illegible]
	Jul. 19	48,709	2[illegible]
	Oct. 27	48,739	2[illegible]
	Dec. 66	48,761	2[illegible]
1805	Jan. 0	22 46 52,099	—30 39 [illegible]
	Apr. 10	52,114	[illegible]
	Jul. 19	52,120	[illegible]
	Oct. 27	52,116	[illegible]
	Dec. 66	52,102	[illegible]
1806	Jan. 0	22 46 55,452	—30 38 4[illegible]
	Apr. 10	55,432	4[illegible]
	Jul. 19	55,402	4[illegible]
	Oct. 27	55,363	4[illegible]
	Dec. 66	55,314	4[illegible]
1807	Jan. 0	22 46 58,676	—30 38 [illegible]
	Apr. 10	58,621	[illegible]
	Jul. 19	58,559	[illegible]
	Oct. 27	58,488	[illegible]
	Dec. 66	58,410	[illegible]
1808	Jan. 1	22 47 1,781	—30 38 [illegible]
	Apr. 10	1,698	[illegible]
	Jul. 19	1,609	[illegible]
	Oct. 27	1,515	[illegible]
	Dec. 66	1,416	[illegible]
1809	Jan. 0	22 47 4,793	—30 37 [illegible]
	Apr. 10	4,691	[illegible]
	Jul. 19	4,586	[illegible]
	Oct. 27	4,479	[illegible]
	Dec. 66	4,370	[illegible]

Tabulae X. Sect. III. *a Piscis austrini.*

1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
							h ′ ″	° ′ ″
0 —0″,717	—10,0	—10″,00	+ 2,8	+4	0	1790	22 46 0″,7723	—30 43 53″,103
0 —0,805	— 7,6	— 9,58	+ 5,6	+4	0	1791	46 4,1200	43 34,311
0 —0,869	— 5,1	— 8,89	+ 8,2	+3	—1	1792	46 7,4675	43 15,517
0 —0,906	— 2,2	— 7,94	+10,8	+3	—1	1793	46 10,8147	42 56,722
0 —0,913	+ 0,9	— 6,74	+13,1	+2	—2	1794	46 14,1617	42 37,925
						1795	46 17,5085	42 19,127
0 —0,889	+ 4,1	— 5,32	+15,3	+1	—2	1796	46 20,8551	42 0,327
0 —0,832	+ 7,5	— 3,69	+17,2	+1	—2	1797	46 24,2015	41 41,525
—0,739	+11,2	— 1,88	+18,9	0	—2	1798	46 27,5477	41 22,722
—0,609	+14,9	+ 0,09	+20,4	—1	—3	1799	46 30,8936	41 3,917
—0,441	+18,7	+ 2,19	+21,5	—2	—3	1800	46 34,2393	40 45,111
						1801	46 37,5848	40 26,304
—0,236	+22,4	+ 4,39	+22,2	—2	—3	1802	46 40,9301	40 7,495
+0,006	+25,9	+ 6,63	+22,5	—3	—2	1803	46 44,2752	39 48,685
+0,281	+29,0	+ 8,89	+22,4	—3	—2	1804	46 47,6201	39 29,873
+0,585	+31,6	+11,10	+21,7	—4	—2	1805	46 50,9647	39 11,060
+0,913	+33,7	+13,22	+20,5	—4	—2	1806	46 54,3091	38 52,245
						1807	46 57,6533	38 33,428
+1,258	+34,9	+15,20	+18,8	—4	—1	1808	47 0,9973	38 14,610
+1,611	+35,3	+16,98	+16,6	—5	—1	1809	47 4,3410	37 55,791
+1,964	+34,9	+18,52	+14,0	—5	0	1810	47 7,6846	37 36,970
+2,308	+33,5	+19,78	+11,1	—5	0			
+2,634	+31,3	+20,73	+ 7,8	—5	+1			
+2,933	+28,1	+21,33	+ 4,4	—4	+1			
+3,196	+24,3	+21,60	+ 1,0	—4	+2			
+3,419	+20,0	+21,52	— 2,5	—4	+3			
+3,595	+15,2	+21,11	— 5,7	—3	+3			
+3,723	+10,3	+20,39	— 8,4	—3	+3			
+3,800	+ 5,3	+19,43	—10,7	—2	+4			
+3,828	+ 0,6	+18,26	—12,4	—2	+4			
+3,811	— 3,8	+16,95	—13,6	—1	+4			
+3,753	— 7,6	+15,55	—14,0	0	+4			
+3,660	—10,6	+14,15	—13,8	0	+4			
+3,541	—12,9	+12,80	—13,0	+1	+4			
+3,402	—14,4	+11,56	—11,5	+1	+4			
+3,253	—15,0	+10,50	— 9,5	+2	+4			
+3,102	—15,0	+ 9,66	— 7,2	+2	+3			
+2,954	—14,3	+ 9,06	— 4,8	+2	+3			
+2,817	—13,0	+ 8,74	— 1,9	+2	+2			
+2,695	—11,2	+ 8,69	+ 1,0	+2	+2			
+2,593	— 9,1	+ 8,93	+ 3,8	+2	+1			

Diei reducto addendum est:

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post } { +1

I menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Pegasi.*

1790	Jan. 0	22	54	19,498	+ 14	4	48,30	1800	Jan. 0	22	54	47,805	+ 14	7	48,
	Apr. 10			19,441			48,04		Apr. 10			47,877			48,
	Jul. 19			19,378			47,73		Jul. 19			47,952			49,
	Oct. 27			19,309			47,36		Oct. 27			48,032			49,
	Dec. 66			19,233			46,95		Dec. 66			48,116			50,
1791	Jan. 0	22	54	22,239	+ 14	5	6,31	1801	Jan. 0	22	54	51,067	+ 14	8	9,
	Apr. 10			22,159			5,87		Apr. 10			51,153			9,
	Jul. 19			22,076			5,38		Jul. 19			51,240			10,
	Oct. 27			21,989			4,86		Oct. 27			51,329			11,
	Dec. 66			21,898			4,30		Dec. 66			51,420			11,
1792	Jan. 1	22	54	24,908	+ 14	5	23,71	1802	Jan. 0	22	54	54,369	+ 14	8	30,
	Apr. 10			24,815			23,13		Apr. 10			54,460			31,
	Jul. 19			24,722			22,53		Jul. 19			54,550			31,
	Oct. 27			24,628			21,91		Oct. 27			54,638			32,
	Dec. 66			24,533			21,26		Dec. 66			54,726			33,
1793	Jan. 0	22	54	27,544	+ 14	5	40,71	1803	Jan. 0	22	54	57,677	+ 14	8	52,
	Apr. 10			27,449			40,06		Apr. 10			57,760			52,
	Jul. 19			27,357			39,41		Jul. 19			57,847			53,
	Oct. 27			27,267			38,77		Oct. 27			57,922			54,
	Dec. 66			27,179			38,13		Dec. 66			58,002			54,
1794	Jan. 0	22	54	30,188	+ 14	5	57,57	1804	Jan. 1	22	55	0,957	+ 14	9	13,
	Apr. 10			30,102			56,93		Apr. 10			1,029			14,
	Jul. 19			30,022			56,32		Jul. 19			1,096			14,
	Oct. 27			29,947			55,73		Oct. 27			1,157			15,
	Dec. 66			29,877			55,16		Dec. 66			1,213			15,
1795	Jan. 0	22	54	32,879	+ 14	6	14,58	1805	Jan. 0	22	55	4,175	+ 14	9	34,
	Apr. 10			32,813			14,03		Apr. 10			4,226			35,
	Jul. 19			32,754			13,53		Jul. 19			4,269			35,
	Oct. 27			32,702			13,06		Oct. 27			4,305			36,
	Dec. 66			32,658			12,63		Dec. 66			4,333			36,
1796	Jan. 1	22	54	35,652	+ 14	6	32,00	1806	Jan. 0	22	55	7,305	+ 14	9	55,
	Apr. 10			35,612			31,60		Apr. 10			7,328			55,
	Jul. 19			35,581			31,26		Jul. 19			7,342			56,
	Oct. 27			35,559			30,96		Oct. 27			7,348			56,
	Dec. 66			35,544			30,72		Dec. 66			7,345			56,
1797	Jan. 0	22	54	38,528	+ 14	6	50,03	1807	Jan. 0	22	55	10,327	+ 14	10	15,
	Apr. 10			38,519			49,82		Apr. 10			10,318			15,
	Jul. 19			38,518			49,68		Jul. 19			10,301			15,
	Oct. 27			38,526			49,59		Oct. 27			10,276			15,
	Dec. 66			38,543			49,55		Dec. 66			10,242			15,
1798	Jan. 0	22	54	41,516	+ 14	7	8,79	1808	Jan. 1	22	55	13,235	+ 14	10	34,
	Apr. 10			41,538			8,80		Apr. 10			13,195			34,
	Jul. 19			41,568			8,86		Jul. 19			13,148			34.
	Oct. 27			41,605			8,98		Oct. 27			13,094			34.
	Dec. 66			41,650			9,15		Dec. 66			13,032			34.
1799	Jan. 0	22	54	44,614	+ 14	7	28,32	1809	Jan. 0	22	55	16,033	+ 14	10	53,
	Apr. 10			44,664			28,53		Apr. 10			15,967			53.
	Jul. 19			44,719			28,79		Jul. 19			15,895			52.
	Oct. 27			44,781			29,10		Oct. 27			15,818			52.
	Dec. 66			44,849			29,46		Dec. 66			15,736			51.

Tabulae X. Sect. III. *a Pegasi.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
1. 0	−0,564	− 9,5	+ 3,40	−10,6	+3	+2	1790	22 54 18,6641	+ 14 4 41,817
10	−0,651	− 7,9	+ 2,28	−11,7	+2	+2	1791	54 21,6435	5 1,041
20	−0,721	− 6,0	+ 1,06	−12,5	+2	+2	1792	54 24,6229	5 20,266
30	−0,770	− 3,7	− 0,21	−12,6	+2	+2	1793	54 27,6024	5 39,493
br. 9	−0,794	− 1,0	− 1,46	−12,2	+1	+2	1794	54 30,5818	5 58,721
							1795	54 33,5614	6 17,950
19	−0,790	+ 2,0	− 2,64	−11,1	+1	+2	1796	54 36,5410	6 37,180
rt. 1	−0,755	+ 5,3	− 3,68	− 9,4	0	+2	1797	54 39,5207	6 56,411
11	−0,685	+ 8,8	− 4,52	− 7,2	−1	+1	1798	54 42,5004	7 15,643
21	−0,580	+12,4	− 5,11	− 4,5	−1	+1	1799	54 45,4802	7 34,877
31	−0,437	+16,2	− 5,41	− 1,3	−1	+1	1800	54 48,4600	7 54,112
							1801	54 51,4399	8 13,348
r. 10	−0,257	+19,8	− 5,37	+ 2,2	−2	0	1802	54 54,4198	8 32,585
20	−0,042	+23,2	− 4,98	+ 5,6	−2	0	1803	54 57,3998	8 51,823
30	+0,207	+26,2	− 4,25	+ 9,1	−2	0	1804	55 0,3798	9 11,062
. 10	+0,482	+28,7	− 3,16	+12,5	−3	−1	1805	55 3,3599	9 30,302
20	+0,780	+30,5	− 1,76	+15,4	−3	−1	1806	55 6,3401	9 49,544
							1807	55 9,3203	10 8,787
30	+1,091	+31,6	− 0,08	+18,1	−3	−1	1808	55 12,3005	10 28,031
9	+1,411	+31,9	+ 1,85	+20,2	−3	−1	1809	55 15,2808	10 47,276
19	+1,728	+31,3	+ 3,95	+21,7	−2	−2	1810	55 18,2612	11 6,523
29	+2,036	+29,9	+ 6,18	+22,6	−2	−2			
9	+2,325	+27,7	+ 8,47	+23,0	−2	−2			
19	+2,589	+24,8	+10,77	+22,8	−2	−1			
29	+2,821	+21,4	+13,03	+22,2	−1	−1			
. 8	+3,017	+17,6	+15,20	+21,0	−1	−1			
18	+3,172	+13,4	+17,22	+19,4	0	−1			
28	+3,285	+ 9,2	+19,07	+17,5	0	−1			
e. 7	+3,355	+ 5,0	+20,72	+15,4	+1	0			
17	+3,385	+ 1,1	+22,15	+13,1	+1	0			
27	+3,377	− 2,5	+23,34	+10,7	+2	0			
c 7	+3,336	− 5,5	+24,29	+ 8,3	+2	+1			
17	+3,267	− 8,0	+24,99	+ 5,8	+3	+1			
27	+3,176	−10,0	+25,44	+ 3,3	+3	+2			
Nc 6	+3,068	−11,3	+25,64	+ 0,9	+3	+2			
16	+2,950	−12,0	+25,61	− 1,5	+3	+2			
26	+2,828	−12,3	+25,34	− 3,8	+4	+3			
De 6	+2,705	−12,1	+24,85	− 5,9	+4	+3			
16	+2,587	−11,4	+24,16	− 7,9	+4	+3			
26	+2,478	−10,3	+23,37	− 9,7	+3	+3			
36	+2,381	− 8,9	+22,23	−11,1	+3	+3			

Diei reducto addendum est:

ante / post } Mart. 2 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Andromedae.*

		α	δ			α	δ
1790	Jan. 0	23h 57′ 34″,877	+27° 55′ 54″,39	1800	Jan. 0	23h 58′ 3″,812	+27° 59′ 4″
	Apr. 10	34,830	53,95		Apr. 10	3,878	5
	Jul. 19	34,775	53,48		Jul. 19	3,949	5
	Oct. 27	34,712	52,96		Oct. 27	4,026	6
	Dec. 66	34,642	52,41		Dec. 66	4,109	7
1791	Jan. 0	23 57 37,738	+27 56 12,51	1801	Jan. 0	23 58 7,154	+27 59 26
	Apr. 10	37,663	11,94		Apr. 10	7,239	27
	Jul. 19	37,583	11,35		Jul. 19	7,328	27
	Oct. 27	37,497	10,75		Oct. 27	7,419	28
	Dec. 66	37,406	10,12		Dec. 66	7,513	29
1792	Jan. 1	23 57 40,509	+27 56 30,24	1802	Jan. 0	23 58 10,555	+27 59 48
	Apr. 10	40,415	29,62		Apr. 10	10,651	49
	Jul. 19	40,319	29,00		Jul. 19	10,747	50
	Oct. 27	40,221	28,37		Oct. 27	10,843	50
	Dec. 66	40,120	27,73		Dec. 66	10,939	51
1793	Jan. 0	23 57 43,225	+27 56 47,85	1803	Jan. 0	23 58 13,981	+28 0 10
	Apr. 10	43,124	47,23		Apr. 10	14,077	11
	Jul. 19	43,024	46,64		Jul. 19	14,170	11
	Oct. 27	42,925	46,07		Oct. 27	14,261	12
	Dec. 66	42,826	45,52		Dec. 66	14,349	12
1794	Jan. 0	23 57 45,931	+27 57 5,61	1804	Jan. 1	23 58 17,394	+28 0 33
	Apr. 10	45,834	5,08		Apr. 10	17,480	33
	Jul. 19	45,742	4,59		Jul. 19	17,561	33
	Oct. 27	45,653	4,14		Oct. 27	17,637	33
	Dec. 66	45,569	3,74		Dec. 66	17,707	34
1795	Jan. 0	23 57 48,669	+27 57 23,77	1805	Jan. 0	23 58 20,758	+28 0 53
	Apr. 10	48,588	23,40		Apr. 10	20,825	54
	Jul. 19	48,514	23,07		Jul. 19	20,884	54
	Oct. 27	48,447	22,80		Oct. 27	20,936	54
	Dec. 66	48,386	22,57		Dec. 66	20,981	54
1796	Jan. 1	23 57 51,478	+27 57 42,55	1806	Jan. 0	23 58 24,040	+28 1 14
	Apr. 10	51,422	42,36		Apr. 10	24,079	14
	Jul. 19	51,375	42,23		Jul. 19	24,110	14
	Oct. 27	51,336	42,16		Oct. 27	24,131	14
	Dec. 66	51,306	42,15		Dec. 66	24,144	14
1797	Jan. 0	23 57 54,388	+27 58 2,05	1807	Jan. 0	23 58 27,215	+28 1 38
	Apr. 10	54,363	2,07		Apr. 10	27,221	34
	Jul. 19	54,347	2,15		Jul. 19	27,219	34
	Oct. 27	54,340	2,29		Oct. 27	27,207	33
	Dec. 66	54,342	2,48		Dec. 66	27,185	33
1798	Jan. 0	23 57 57,414	+27 58 22,31	1808	Jan. 1	23 58 30,268	+28 1 53
	Apr. 10	57,422	22,54		Apr. 10	30,241	53
	Jul. 19	57,439	22,81		Jul. 19	30,205	53
	Oct. 27	57,464	23,13		Oct. 27	30,160	53
	Dec. 66	57,498	23,49		Dec. 66	30,106	53
1799	Jan. 0	23 58 0,559	+27 58 43,27	1809	Jan. 0	23 58 33,200	+28 2 1
	Apr. 10	0,598	43,67		Apr. 10	33,141	1
	Jul. 19	0,645	44,10		Jul. 19	33,076	1
	Oct. 27	0,698	44,57		Oct. 27	33,004	1
	Dec. 66	0,760	45,07		Dec. 66	32,925	1

Tabulae X. Sect. III. *α Andromedae.*

	1800		1800		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
n. 0	−0,″212	−13,6	+ 8,″28	− 8,3	+3	+2	1790	23 57 33,9025	+27 55 49,385
10	−0,346	−13,1	+ 7,31	−11,0	+3	+2	1791	57 36,9741	56 9,292
20	−0,473	−12,1	+ 6,09	−13,2	+3	+3	1792	57 40,0459	56 29,200
30	−0,587	−10,5	+ 4,68	−14,8	+2	+3	1793	57 43,1179	56 49,107
br. 9	−0,682	− 8,2	+ 3,14	−15,8	+2	+3	1794	57 46,1902	57 9,014
							1795	57 49,2625	57 28,921
19	−0,751	− 5,4	+ 1,53	−16,1	+1	+3	1796	57 52,3350	57 48,828
rt. 1	−0,790	− 2,0	− 0,08	−15,7	+1	+3	1797	57 55,4077	58 8,736
11	−0,791	+ 1,9	− 1,61	−14,5	0	+3	1798	57 58,4806	58 28,643
21	−0,752	+ 6,2	− 2,98	−12,5	0	+2	1799	58 1,5536	58 48,550
31	−0,668	+10,7	− 4,11	− 9,9	−1	+2	1800	58 4,6268	59 8,457
							1801	58 7,7002	59 28,364
r. 10	−0,538	+15,3	− 4,96	− 6,8	−1	+2	1802	58 10,7738	59 48,271
20	−0,363	+19,7	− 5,47	− 3,2	−2	+1	1803	58 13,8476	28 0 8,178
30	−0,144	+23,9	− 5,60	+ 0,6	−2	+1	1804	58 16,9215	0 28,085
j. 10	+0,114	+27,5	− 5,35	+ 4,6	−2	0	1805	58 19,9956	0 47,992
20	+0,405	+30,4	− 4,69	+ 8,5	−3	0	1806	58 23,0699	1 7,899
							1807	58 26,1444	1 27,806
30	+0,722	+32,6	− 3,66	+12,1	−3	−1	1808	58 29,2190	1 47,712
. 9	+1,056	+33,9	− 2,27	+15,5	−3	−1	1809	58 32,2938	2 7,619
19	+1,399	+34,3	− 0,57	+18,4	−2	−2	1810	58 35,3688	2 27,526
29	+1,742	+33,8	+ 1,41	+20,9	−2	−2			
9	+2,074	+32,4	+ 3,61	+22,8	−2	−2			
19	+2,389	+30,2	+ 5,97	+24,1	−2	−3			
29	+2,678	+27,4	+ 8,43	+24,9	−1	−3			
. 8	+2,936	+24,0	+10,94	+25,1	−1	−3			
18	+3,157	+20,1	+13,44	+24,7	0	−3			
28	+3,338	+16,1	+15,88	+23,9	0	−3			
. 7	+3,478	+12,0	+18,21	+22,6	+1	−3			
17	+3,577	+ 7,9	+20,40	+21,0	+2	−2			
27	+3,635	+ 4,0	+22,41	+19,0	+2	−2			
7	+3,657	+ 0,5	+24,20	+16,8	+3	−2			
17	+3,644	− 2,8	+25,76	+14,3	+3	−1			
27	+3,601	− 5,6	+27,06	+11,7	+4	−1			
6	+3,532	− 8,0	+28,09	+ 8,8	+4	0			
16	+3,441	−10,0	+28,81	+ 5,8	+5	0			
26	+3,333	−11,5	+29,24	+ 2,8	+5	+1			
6	+3,212	−12,6	+29,36	− 0,4	+5	+1			
16	+3,082	−13,3	+29,16	− 3,6	+5	+1			
26	+2,946	−13,6	+28,65	− 6,6	+5	+2			
36	+2,810	−13,4	+27,85	− 9,4	+5	+2			

Diei reducto addendum est:

ante } Mart. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *a Ursae minoris.*

		h ′ ″	″	° ′ ″	″	☉ + ♃	☽
1790	Jan. 0	0 50 34,81		88 11 12,26		406	226
	Apr. 10	35,77	+ 0,96	11,69	− 0,57		
	Jul. 19	36,58	+ 0,81	11,10	− 0,59		
	Oct. 27	37,24	+ 0,66	10,49	− 0,61		
	Dec. 66	37,75	+ 0,51	9,86	− 0,63		
1791	Jan. 0	0 50 49,98		88 11 29,66		352	595
	Apr. 10	50,38	+ 0,40	29,02	− 0,64		
	Jul. 19	50,62	+ 0,22	28,38	− 0,64		
	Oct. 27	50,69	+ 0,07	27,74	− 0,64		
	Dec. 66	50,59	− 0,10	27,10	− 0,64		
1792	Jan. 1	0 51 3,09		88 11 46,89		298	963
	Apr. 10	2,88	− 0,21	46,25	− 0,64		
	Jul. 19	2,50	− 0,38	45,64	− 0,61		
	Oct. 27	1,96	− 0,54	45,05	− 0,59		
	Dec. 66	1,26	− 0,70	44,47	− 0,58		
1793	Jan. 0	0 51 14,03		88 12 4,23		244	331
	Apr. 10	13,23	− 0,80	3,68	− 0,55		
	Jul. 19	12,29	− 0,94	3,16	− 0,52		
	Oct. 27	11,21	− 1,08	2,68	− 0,48		
	Dec. 66	10,00	− 1,21	2,25	− 0,43		
1794	Jan. 0	0 51 23,00		88 12 21,96		191	699
	Apr. 10	21,70	− 1,30	21,55	− 0,41		
	Jul. 19	20,31	− 1,39	21,20	− 0,35		
	Oct. 27	18,82	− 1,49	20,90	− 0,30		
	Dec. 66	17,23	− 1,59	20,65	− 0,25		
1795	Jan. 0	0 51 30,41		88 12 40,29		137	068
	Apr. 10	28,77	− 1,64	40,08	− 0,21		
	Jul. 19	27,09	− 1,68	39,93	− 0,15		
	Oct. 27	25,36	− 1,73	39,84	− 0,09		
	Dec. 66	23,59	− 1,77	39,79	− 0,05		
1796	Jan. 1	0 51 36,90		88 12 59,36		083	436
	Apr. 10	35,10	− 1,80	59,37	+ 0,01		
	Jul. 19	33,32	− 1,78	59,43	+ 0,06		
	Oct. 27	31,56	− 1,76	59,55	+ 0,12		
	Dec. 66	29,83	− 1,73	59,73	+ 0,18		
1797	Jan. 0	0 51 43,19		88 13 19,22		029	804
	Apr. 10	41,47	− 1,72	19,43	+ 0,21		
	Jul. 19	39,80	− 1,67	19,70	+ 0,27		
	Oct. 27	38,21	− 1,59	20,01	+ 0,31		
	Dec. 66	36,67	− 1,54	20,38	+ 0,37		
1798	Jan. 0	0 51 50,03		88 13 39,80		976	172
	Apr. 10	48,55	− 1,48	40,20	+ 0,40		
	Jul. 19	47,19	− 1,36	40,63	+ 0,43		
	Oct. 27	45,93	− 1,26	41,11	+ 0,48		
	Dec. 66	44,78	− 1,15	41,62	+ 0,51		
1799	Jan. 0	0 51 58,07		88 14 0,99		922	541
	Apr. 10	57,01	− 1,06	1,52	+ 0,53		
	Jul. 19	56,08	− 0,93	2,07	+ 0,55		
	Oct. 27	55,30	− 0,78	2,65	+ 0,58		
	Dec. 66	54,65	− 0,65	3,25	+ 0,60		

Tabulae X. Sect. III. *α Ursae minoris.*

						☉ + ☊	☽
		h ′ ″	″	° ′ ″	″		
1800	Jan. 0	0 52 7,84	− 0,54	88 14 22,59	+ 0,60	868	909
	Apr. 10	7,30	− 0,39	23,19	+ 0,61		
	Jul. 19	6,91	− 0,23	23,80	+ 0,62		
	Oct. 27	6,68	− 0,07	24,42	+ 0,61		
	Dec. 66	6,61		25,03			
1801	Jan. 0	0 52 19,68	+ 0,03	88 14 44,37	+ 0,61	815	277
	Apr. 10	19,71	+ 0,20	44,98	+ 0,60		
	Jul. 19	19,91	+ 0,35	45,58	+ 0,59		
	Oct. 27	20,26	+ 0,51	46,17	+ 0,57		
	Dec. 66	20,77		46,74			
1802	Jan. 0	0 52 33,71	+ 0,61	88 15 6,09	+ 0,56	761	646
	Apr. 10	34,32	+ 0,76	6,65	+ 0,53		
	Jul. 19	35,08	+ 0,92	7,18	+ 0,50		
	Oct. 27	35,98	+ 1,04	7,68	+ 0,46		
	Dec. 66	37,02		8,14			
1803	Jan. 0	0 52 49,86	+ 1,13	88 15 27,52	+ 0,44	707	014
	Apr. 10	50,99	+ 1,24	27,96	+ 0,40		
	Jul. 19	52,23	+ 1,36	28,36	+ 0,35		
	Oct. 27	53,59	+ 1,47	28,71	+ 0,32		
	Dec. 66	55,06		29,03			
1804	Jan. 1	0 53 7,83	+ 1,54	88 15 48,46	+ 0,27	653	382
	Apr. 10	9,37	+ 1,60	48,73	+ 0,23		
	Jul. 19	10,97	+ 1,68	48,96	+ 0,17		
	Oct. 27	12,65	+ 1,75	49,13	+ 0,12		
	Dec. 66	14,40		49,25			
1805	Jan. 0	0 53 27,15	+ 1,78	88 16 8,74	+ 0,08	600	750
	Apr. 10	28,93	+ 1,80	8,82	+ 0,03		
	Jul. 19	30,73	+ 1,81	8,85	− 0,04		
	Oct. 27	32,54	+ 1,83	8,81	− 0,09		
	Dec. 66	34,37		8,72			
1806	Jan. 0	0 53 47,18	+ 1,83	88 16 28,28	− 0,13	546	119
	Apr. 10	49,01	+ 1,78	28,15	− 0,19		
	Jul. 19	50,79	+ 1,75	27,96	− 0,24		
	Oct. 27	52,54	+ 1,71	27,72	− 0,30		
	Dec. 66	54,25		27,42			
1807	Jan. 0	0 54 7,18	+ 1,67	88 16 47,04	− 0,33	492	487
	Apr. 10	8,85	+ 1,57	46,71	− 0,38		
	Jul. 19	10,42	+ 1,48	46,33	− 0,42		
	Oct. 27	11,90	+ 1,38	45,91	− 0,48		
	Dec. 66	13,28		45,43			
1808	Jan. 1	0 54 26,41	+ 1,29	88 17 5,10	− 0,50	438	855
	Apr. 10	27,70	+ 1,17	4,60	− 0,53		
	Jul. 19	28,87	+ 1,03	4,07	− 0,56		
	Oct. 27	29,90	+ 0,89	3,51	− 0,59		
	Dec. 66	30,79		2,92			
1809	Jan. 0	0 54 44,16	+ 0,78	88 17 22,62	− 0,61	385	223
	Apr. 10	44,94	+ 0,62	22,01	− 0,62		
	Jul. 19	45,56	+ 0,44	21,39	− 0,64		
	Oct. 27	46.00	+ 0,28	20,75	− 0,65		
	Dec. 66	46,28		20,10			

Tabulae X. Sect. III. *α Ursae minoris.*

	Corr. A. R. pro 1800		Variatio annua		Corr. Decl. pro 1800		Variatio annua		Mot. Arg. ☉+☊	Mot. Arg. ☽
	″	″	″		″	″	″			
Jan. 0	+ 4,75	−6,95	+0,0564	−206	+20,11	+0,54	−0,0019	+33	000	000
10	− 2,20	−6,97	+0,0358	−221	+20,65	−0,13	+0,0014	+32	026	365
20	− 9,17	−6,73	+0,0137	−227	+20,52	−0,76	+0,0046	+31	052	730
30	−15,90	−6,24	−0,0090	−224	+19,76	−1,38	+0,0077	+28	078	095
Febr. 9	−22,14	−5,49	−0,0314	−211	+18,38	−1,91	+0,0105	+25	103	460
19	−27,63	−4,54	−0,0525	−190	+16,47	−2,38	+0,0130	+20	129	825
Mart. 1	−32,17	−3,40	−0,0715	−164	+14,09	−2,73	+0,0150	+15	155	190
11	−35,57	−2,15	−0,0879	−129	+11,36	−2,97	+0,0165	+10	181	555
21	−37,72	−0,83	−0,1008	− 90	+ 8,39	−3,08	+0,0175	+ 3	207	920
31	−38,55	+0,52	−0,1098	− 48	+ 5,31	−3,08	+0,0178	− 3	233	285
Apr. 10	−38,03	+1,81	−0,1146	− 6	+ 2,23	−2,94	+0,0175	− 8	258	650
20	−36,22	+3,04	−0,1152	+ 37	− 0,71	−2,71	+0,0167	−14	284	015
30	−33,18	+4,12	−0,1115	+ 76	− 3,42	−2,37	+0,0153	−19	310	380
Maj. 10	−29,06	+5,07	−0,1039	+114	− 5,79	−1,96	+0,0134	−22	336	745
20	−23,99	+5,83	−0,0925	+146	− 7,75	−1,48	+0,0112	−26	362	110
30	−18,16	+6,42	−0,0779	+174	− 9,23	−0,96	+0,0086	−29	388	475
Jun. 9	−11,74	+6,79	−0,0605	+197	−10,19	−0,42	+0,0057	−29	413	840
19	− 4,95	+6,99	−0,0408	+213	−10,61	+0,14	+0,0028	−31	439	205
29	+ 2,04	+7,00	−0,0195	+226	−10,47	+0,69	−0,0003	−31	465	570
Jul. 9	+ 9,04	+6,85	+0,0031	+231	− 9,78	+1,22	−0,0034	−30	491	935
19	+15,89	+6,53	+0,0262	+233	− 8,56	+1,73	−0,0064	−30	517	300
29	+22,42	+6,08	+0,0495	+228	− 6,83	+2,19	−0,0094	−26	543	665
Aug. 8	+28,50	+5,49	+0,0723	+219	− 4,64	+2,60	−0,0120	−25	568	030
18	+33,99	+4,80	+0,0942	+206	− 2,04	+2,97	−0,0145	−21	594	395
28	+38,79	+4,01	+0,1148	+189	+ 0,93	+3,28	−0,0166	−18	620	760
Sept. 7	+42,80	+3,13	+0,1337	+167	+ 4,21	+3,51	−0,0184	−14	646	125
17	+45,93	+2,19	+0,1504	+143	+ 7,72	+3,69	−0,0198	− 9	672	490
27	+48,12	+1,18	+0,1647	+114	+11,41	+3,78	−0,0207	− 5	698	855
Oct. 7	+49,30	+0,14	+0,1761	+ 82	+15,19	+3,81	−0,0212	− 1	723	220
17	+49,44	−0,94	+0,1843	+ 48	+19,00	+3,74	−0,0213	+ 5	749	585
27	+48,50	−2,01	+0,1891	+ 12	+22,74	+3,60	−0,0208	+10	775	950
Nov. 6	+46,49	−3,08	+0,1903	− 27	+26,34	+3,35	−0,0198	+15	801	315
16	+43,41	−4,08	+0,1876	− 64	+29,69	+3,03	−0,0183	+19	827	680
26	+39,33	−5,00	+0,1812	−102	+32,72	+2,61	−0,0164	+24	853	045
Dec. 6	+34,33	−5,79	+0,1710	−138	+35,33	+2,11	−0,0140	+27	879	410
16	+28,54	−6,41	+0,1572	−168	+37,44	+1,55	−0,0113	+31	904	775
26	+22,13	−6,82	+0,1404	−195	+38,99	+0,94	−0,0082	+31	930	140
36	+15,31		+0,1209		+39,93		−0,0051		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori { ante / post } Apr. 3 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Oct. 7 { + 1,5 / + 2,5 }

Tabulae X. Sect. III. *a Ursae minoris.*

Motus Arg.		
Dies	☉+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ☉+☊		
Arg.	A. R.	Arg.
000	—0,02 +	500
010	—0,02 +	510
020	—0,02 +	520
030	—0,01 +	530
040	—0,01 +	540
050	—0,01 +	550
060	0,00	560
070	0,00	570
080	0,00	580
090	+0,01 —	590
100	+0,01 —	600
110	+0,01 —	610
120	+0,02 —	620
130	+0,02 —	630
140	+0,02 —	640
150	+0,02 —	650
160	+0,03 —	660
170	+0,03 —	670
180	+0,03 —	680
190	+0,04 —	690
200	+0,04 —	700
210	+0,04 —	710
220	+0,04 —	720
230	+0,04 —	730
240	+0,05 —	740
250	+0,05 —	750
260	+0,05 —	760
270	+0,05 —	770
280	+0,05 —	780
290	+0,05 —	790
300	+0,05 —	800
310	+0,05 —	810
320	+0,05 —	820
330	+0,05 —	830
340	+0,05 —	840
350	+0,05 —	850
360	+0,05 —	860
370	+0,05 —	870
380	+0,05 —	880
390	+0,05 —	890
400	+0,05 —	900
410	+0,04 —	910
420	+0,04 —	920
430	+0,04 —	930
440	+0,04 —	940
450	+0,04 —	950
460	+0,03 —	960
470	+0,03 —	970
480	+0,03 —	980
490	+0,03 —	990

Arg. ☽			
Arg.	Arg.	A. R.	Decl.
000	500	—″0,19	+″0,02
010	510	—0,19	+0,01
020	520	—0,19	0,00
030	530	—0,19	—0,01
040	540	—0,19	—0,02
050	550	—0,18	—0,03
060	560	—0,17	—0,04
070	570	—0,16	—0,05
080	580	—0,14	—0,06
090	590	—0,13	—0,06
100	600	—0,11	—0,07
110	610	—0,09	—0,07
120	620	—0,06	—0,08
130	630	—0,04	—0,08
140	640	—0,02	—0,08
150	650	+0,01	—0,08
160	660	+0,03	—0,08
170	670	+0,06	—0,08
180	680	+0,08	—0,07
190	690	+0,10	—0,07
200	700	+0,12	—0,06
210	710	+0,14	—0,06
220	720	+0,15	—0,05
230	730	+0,17	—0,04
240	740	+0,18	—0,03
250	750	+0,19	—0,02
260	760	+0,19	—0,01
270	770	+0,19	0,00
280	780	+0,19	+0,01
290	790	+0,19	+0,02
300	800	+0,18	+0,03
310	810	+0,17	+0,04
320	820	+0,16	+0,05
330	830	+0,14	+0,06
340	840	+0,13	+0,06
350	850	+0,11	+0,07
360	860	+0,09	+0,07
370	870	+0,06	+0,08
380	880	+0,04	+0,08
390	890	+0,02	+0,08
400	900	—0,01	+0,08
410	910	—0,03	+0,08
420	920	—0,06	+0,08
430	930	—0,08	+0,07
440	940	—0,10	+0,07
450	950	—0,12	+0,06
460	960	—0,14	+0,06
470	970	—0,15	+0,05
480	980	—0,17	+0,04
490	990	—0,18	+0,03

Tabulae X. Sect. III. *α Ursae minoris.*

	A. R. med.		Decl. med.	
	^{h} $'$ $''$	+	$^\circ$ $'$ $''$	+
1790	0 50 19,136	12,380	88 11 8,772	19,581
1791	50 31,516	12,444	11 28,353	19,577
1792	50 43,960	12,511	11 47,930	19,573
1793	50 56,471	12,577	12 7,503	19,569
1794	51 9,048	12,644	12 27,072	19,565
1795	51 21,692	12,712	12 46,637	19,561
1796	51 34,404	12,780	13 6,198	19,556
1797	51 47,184	12,849	13 25,754	19,552
1798	52 0,033	12,918	13 45,306	19,547
1799	52 12,951	12,989	14 4,853	19,543
1800	52 25,940	13,060	14 24,396	19,539
1801	52 39,000	13,131	14 43,935	19,534
1802	52 52,131	13,203	15 3,469	19,530
1803	53 5,334	13,276	15 22,999	19,525
1804	53 18,610	13,350	15 42,524	19,520
1805	53 31,960	13,424	16 2,044	19,516
1806	53 45,384	13,499	16 21,560	19,511
1807	53 58,883	13,575	16 41,071	19,506
1808	54 12,458	13,651	17 0,577	19,501
1809	54 26,109	13,728	17 20,078	19,496
1810	54 39,837		17 39,574	

Tabulae X. Sectio quarta.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque* α *et* δ
Ursae minoris,

ab Anno 1810 usque ad Annum 1830.

Tabulae X. Sect. IV. *γ Pegasi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	0 3 28,385	+14 7 38,12	1820	Jan. 1	0 3 58,403	+14 10 55,64
	Apr. 10	28,296	37,52		Apr. 10	58,495	56,24
	Jul. 19	28,205	36,90		Jul. 19	58,588	56,84
	Oct. 27	28,111	36,28		Oct. 27	58,681	57,43
	Dec. 66	28,014	35,64		Dec. 66	58,774	58,02
1811	Jan. 0	0 3 31,125	+14 7 55,88	1821	Jan. 0	0 4 1,822	+14 11 17,86
	Apr. 10	31,027	55,25		Apr. 10	1,915	18,43
	Jul. 19	30,929	54,63		Jul. 19	2,006	18,99
	Oct. 27	30,832	54,02		Oct. 27	2,095	19,53
	Dec. 66	30,735	53,43		Dec. 66	2,183	20,04
1812	Jan. 1	0 3 33,845	+14 8 13,65	1822	Jan. 0	0 4 5,232	+14 11 39,90
	Apr. 10	33,750	13,07		Apr. 10	5,317	40,39
	Jul. 19	33,658	12,52		Jul. 19	5,398	40,85
	Oct. 27	33,569	12,00		Oct. 27	5,474	41,27
	Dec. 66	33,484	11,51		Dec. 66	5,545	41,65
1813	Jan. 0	0 3 36,590	+14 8 31,70	1823	Jan. 0	0 4 8,600	+14 12 1,56
	Apr. 10	36,508	31,24		Apr. 10	8,667	1,92
	Jul. 19	36,432	30,83		Jul. 19	8,729	2,22
	Oct. 27	36,363	30,46		Oct. 27	8,783	2,48
	Dec. 66	36,300	30,13		Dec. 66	8,830	2,69
1814	Jan. 0	0 3 39,398	+14 8 50,26	1824	Jan. 1	0 4 11,894	+14 12 22,65
	Apr. 10	39,340	49,97		Apr. 10	11,936	22,82
	Jul. 19	39,289	49,74		Jul. 19	11,970	22,94
	Oct. 27	39,247	49,56		Oct. 27	11,996	23,00
	Dec. 66	39,212	49,44		Dec. 66	12,013	23,01
1815	Jan. 0	0 3 42,300	+14 9 9,50	1825	Jan. 0	0 4 15,087	+14 12 43,05
	Apr. 10	42,271	9,42		Apr. 10	15,098	43,02
	Jul. 19	42,251	9,40		Jul. 19	15,101	42,93
	Oct. 27	42,240	9,42		Oct. 27	15,094	42,79
	Dec. 66	42,237	9,50		Dec. 66	15,079	42,59
1816	Jan. 1	0 3 45,315	+14 9 29,50	1826	Jan. 0	0 4 18,165	+14 13 2,68
	Apr. 10	45,318	29,62		Apr. 10	18,144	2,44
	Jul. 19	45,330	29,79		Jul. 19	18,114	2,15
	Oct. 27	45,350	30,02		Oct. 27	18,076	1,81
	Dec. 66	45,378	30,30		Dec. 66	18,029	1,42
1817	Jan. 0	0 3 48,446	+14 9 50,23	1827	Jan. 0	0 4 21,124	+14 13 21,59
	Apr. 10	48,480	50,54		Apr. 10	21,072	21,17
	Jul. 19	48,522	50,90		Jul. 19	21,013	20,71
	Oct. 27	48,571	51,30		Oct. 27	20,947	20,21
	Dec. 66	48,627	51,74		Dec. 66	20,874	19,67
1818	Jan. 0	0 3 51,686	+14 10 11,61	1828	Jan. 1	0 4 23,978	+14 13 39,88
	Apr. 10	51,747	12,08		Apr. 10	23,900	39,33
	Jul. 19	51,813	12,57		Jul. 19	23,818	38,75
	Oct. 27	51,885	13,09		Oct. 27	23,732	38,15
	Dec. 66	51,962	13,64		Dec. 66	23,641	37,53
1819	Jan. 0	0 3 55,014	+14 10 33,48	1829	Jan. 0	0 4 26,751	+14 13 57,77
	Apr. 10	55,095	34,04		Apr. 10	26,657	57,14
	Jul. 19	55,179	34,62		Jul. 19	26,562	56,51
	Oct. 27	55,266	35,21		Oct. 27	26,466	55,88
	Dec. 66	55,355	35,81		Dec. 66	26,368	55,26

Tabulae X. Sect. IV. γ *Pegasi*.

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	−0,152	−11,3	+ 3,77	− 7,8	+3	+2
10	−0,265	−11,0	+ 2,94	− 8,9	+3	+2
20	−0,372	−10,2	+ 2,00	− 9,7	+3	+2
30	−0,469	− 9,0	+ 1,00	−10,2	+2	+2
Febr. 9	−0,551	− 7,2	− 0,03	−10,2	+2	+2
19	−0,612	− 4,9	− 1,04	− 9,7	+2	+2
Mart. 1	−0,648	− 2,0	− 1,97	− 8,6	+1	+2
11	−0,652	+ 1,4	− 2,76	− 7,0	0	+2
21	−0,621	+ 5,1	− 3,37	− 5,0	0	+1
31	−0,550	+ 9,2	− 3,75	− 2,4	−1	+1
Apr. 10	−0,438	+13,3	− 3,85	+ 0,5	−1	+1
20	−0,284	+17,4	− 3,65	+ 3,6	−2	0
30	−0,090	+21,3	− 3,14	+ 6,7	−2	0
Maj. 10	+0,142	+24,8	− 2,31	+ 9,9	−2	−1
20	+0,406	+27,8	− 1,17	+12,8	−2	−1
30	+0,697	+30,1	+ 0,25	+15,5	−2	−1
Jun. 9	+1,007	+31,5	+ 1,92	+17,8	−3	−2
19	+1,327	+32,2	+ 3,80	+19,5	−2	−2
29	+1,650	+32,0	+ 5,82	+20,8	−2	−2
Jul. 9	+1,966	+30,9	+ 7,95	+21,5	−2	−2
19	+2,268	+29,2	+10,12	+21,7	−2	−2
29	+2,549	+26,7	+12,28	+21,4	−2	−2
Aug. 8	+2,801	+23,6	+14,39	+20,5	−1	−2
18	+3,021	+20,2	+16,38	+19,2	−1	−2
28	+3,204	+16,4	+18,23	+17,7	0	−2
Sept. 7	+3,348	+12,5	+19,91	+15,8	0	−2
17	+3,454	+ 8,8	+21,39	+13,7	+1	−1
27	+3,523	+ 5,1	+22,65	+11,5	+1	−1
Oct. 7	+3,556	+ 1,7	+23,68	+ 9,2	+2	−1
17	+3,557	− 1,4	+24,49	+ 7,0	+2	0
27	+3,529	− 4,0	+25,08	+ 4,8	+3	0
Nov. 6	+3,477	− 6,2	+25,44	+ 2,6	+3	0
16	+3,405	− 8,0	+25,59	+ 0,5	+4	+1
26	+3,318	− 9,3	+25,54	− 1,5	+4	+1
Dec. 6	+3,219	−10,4	+25,29	− 3,4	+4	+1
16	+3,110	−11,1	+24,86	− 5,2	+4	+1
26	+2,998	−11,4	+24,25	− 6,8	+4	+2
36	+2,883	−11,5	+23,50	− 8,3	+4	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	0 3 27,8849	+ 14 7 35,929
1811	3 30,9625	7 55,969
1812	3 34,0402	8 15,989
1813	3 37,1180	8 36,018
1814	3 40,1959	8 56,047
1815	3 43,2738	9 16,076
1816	3 46,3519	9 36,105
1817	3 49,4301	9 56,134
1818	3 52,5084	10 16,163
1819	3 55,5868	10 36,191
1820	3 58,6652	10 56,220
1821	4 1,7438	11 16,248
1822	4 4,8224	11 36,276
1823	4 7,9012	11 56,304
1824	4 10,9800	12 16,333
1825	4 14,0590	12 36,369
1826	4 17,1381	12 56,388
1827	4 20,2172	13 16,415
1828	4 23,2965	13 36,443
1829	4 26,3758	13 56,470
1830	4 29,4552	14 16,497

Diei reducto addendum est:

ante / post } Mart. 21 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Arietis.*

		h ′ ″	° ′ ″
1810	Jan. 0	1 56 29,888	+22 33 26,59
	Apr. 10	29,793	25,94
	Jul. 19	29,695	25,32
	Oct. 27	29,593	24,73
	Dec. 66	29,488	24,16
1811	Jan. 0	1 56 32,877	+22 33 41,72
	Apr. 10	32,771	41,18
	Jul. 19	32,664	40,69
	Oct. 27	32,557	40,25
	Dec. 66	32,451	39,85
1812	Jan. 1	1 56 35,840	+22 33 57,35
	Apr. 10	35,734	56,99
	Jul. 19	35,632	56,69
	Oct. 27	35,533	56,45
	Dec. 66	35,438	56,27
1813	Jan. 0	1 56 38,824	+22 34 13,69
	Apr. 10	38,732	13,55
	Jul. 19	38,646	13,48
	Oct. 27	38,567	13,47
	Dec. 66	38,494	13,52
1814	Jan. 0	1 56 41,871	+22 34 30,86
	Apr. 10	41,803	30,96
	Jul. 19	41,744	31,11
	Oct. 27	41,693	31,33
	Dec. 66	41,651	31,61
1815	Jan. 0	1 56 45,018	+22 34 48,87
	Apr. 10	44,982	49,19
	Jul. 19	44,955	49,55
	Oct. 27	44,938	49,96
	Dec. 66	44,930	50,43
1816	Jan. 1	1 56 48,286	+22 35 7,63
	Apr. 10	48,284	8,12
	Jul. 19	48,292	8,65
	Oct. 27	48,309	9,21
	Dec. 66	48,336	9,81
1817	Jan. 0	1 56 51,681	+22 35 26,97
	Apr. 10	51,714	27,58
	Jul. 19	51,755	28,21
	Oct. 27	51,804	28,85
	Dec. 66	51,862	29,51
1818	Jan. 0	1 56 55,197	+22 35 46,64
	Apr. 10	55,260	47,31
	Jul. 19	55,329	47,97
	Oct. 27	55,404	48,62
	Dec. 66	55,486	49,27
1819	Jan. 0	1 56 58,814	+22 36 6,41
	Apr. 10	58,898	7,05
	Jul. 19	58,989	7,67
	Oct. 27	59,082	8,26
	Dec. 66	59,180	8,83
1820	Jan. 1	1 57 ″2,502	+22 ° 36 ′ 26,00
	Apr. 10	2,601	26,55
	Jul. 19	2,702	27,06
	Oct. 27	2,803	27,53
	Dec. 66	2,906	27,97
1821	Jan. 0	1 57 6,228	+22 36 45,18
	Apr. 10	6,330	45,58
	Jul. 19	6,431	45,94
	Oct. 27	6,530	46,24
	Dec. 66	6,627	46,49
1822	Jan. 0	1 57 9,951	+22 37 3,76
	Apr. 10	10,046	3,97
	Jul. 19	10,136	4,12
	Oct. 27	10,222	4,22
	Dec. 66	10,303	4,26
1823	Jan. 0	1 57 13,633	+22 37 21,60
	Apr. 10	13,710	21,59
	Jul. 19	13,780	21,53
	Oct. 27	13,843	21,41
	Dec. 66	13,899	21,23
1824	Jan. 1	1 57 17,237	+22 37 38,64
	Apr. 10	17,287	38,41
	Jul. 19	17,329	38,14
	Oct. 27	17,362	37,81
	Dec. 66	17,386	37,43
1825	Jan. 0	1 57 20,735	+22 37 54,90
	Apr. 10	20,752	54,47
	Jul. 19	20,760	54,00
	Oct. 27	20,758	53,49
	Dec. 66	20,746	52,94
1826	Jan. 0	1 57 24,108	+22 38 10,47
	Apr. 10	24,089	9,89
	Jul. 19	24,061	9,29
	Oct. 27	24,024	8,66
	Dec. 66	23,977	8,00
1827	Jan. 0	1 57 27,351	+22 38 25,55
	Apr. 10	27,298	24,88
	Jul. 19	27,237	24,21
	Oct. 27	27,168	23,53
	Dec. 66	27,091	22,84
1828	Jan. 1	1 57 30,475	+22 38 40,40
	Apr. 10	30,393	39,72
	Jul. 19	30,306	39,05
	Oct. 27	30,214	38,40
	Dec. 66	30,116	37,77
1829	Jan. 0	1 57 33,506	+22 38 55,31
	Apr. 10	33,406	54,69
	Jul. 19	33,303	54,11
	Oct. 27	33,198	53,57
	Dec. 66	33,091	53,07

Tabulae X. Sect. IV. *α Arietis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	+0,552	−10,5	+ 5,91	− 2,3	+4	+1	1810	1 56 29,2935	+22 33 28,703
10	+0,436	−12,4	+ 5,60	− 4,0	+4	+1	1811	56 32,6471	33 46,076
20	+0,304	−13,8	+ 5,12	− 5,6	+4	+1	1812	56 36,0009	34 3,446
30	+0,160	−14,6	+ 4,49	− 7,0	+4	+2	1813	56 39,3549	34 20,813
Febr. 9	+0,012	−14,7	+ 3,72	− 8,2	+3	+2	1814	56 42,7091	34 38,179
							1815	56 46,0636	34 55,542
19	−0,133	−13,9	+ 2,86	− 8,9	+3	+2	1816	56 49,4182	35 12,902
Mart. 1	−0,265	−12,1	+ 1,94	− 9,3	+3	+2	1817	56 52,7730	35 30,260
11	−0,375	− 9,6	+ 1,00	− 9,2	+2	+2	1818	56 56,1280	35 47,616
21	−0,456	− 6,2	+ 0,11	− 8,5	+2	+2	1819	56 59,4832	36 4,969
31	−0,499	− 2,2	− 0,70	− 7,4	+1	+2	1820	57 2,8388	36 22,320
							1821	57 6,1945	36 39,669
Apr. 10	−0,499	+ 2,4	− 1,36	− 5,7	0	+2	1822	57 9,5504	36 57,015
20	−0,452	+ 7,1	− 1,84	− 3,7	0	+1	1823	57 12,9065	37 14,358
30	−0,357	+12,0	− 2,09	− 1,2	−1	+1	1824	57 16,2628	37 31,700
Maj. 10	−0,212	+16,8	− 2,08	+ 1,5	−1	0	1825	57 19,6190	37 49,039
20	−0,022	+21,2	− 1,80	+ 4,2	−1	0	1826	57 22,9757	38 6,375
							1827	57 26,3326	38 23,709
30	+0,211	+25,1	− 1,24	+ 7,0	−2	−1	1828	57 29,6897	38 41,041
Jun. 9	+0,480	+28,3	− 0,40	+ 9,7	−2	−1	1829	57 33,0470	38 58,370
19	+0,777	+30,9	+ 0,69	+12,1	−2	−2	1830	57 36,4043	39 15,697
29	+1,097	+32,4	+ 2,01	+14,2	−2	−2			
Jul. 9	+1,425	+33,2	+ 3,52	+15,9	−2	−2			
19	+1,760	+33,3	+ 5,18	+17,1	−2	−3			
29	+2,090	+32,4	+ 6,94	+18,0	−2	−3			
Aug. 8	+2,408	+31,0	+ 8,77	+18,3	−2	−4			
18	+2,709	+28,9	+10,60	+18,2	−2	−4			
28	+2,986	+26,4	+12,41	+17,7	−1	−4			
Sept. 7	+3,237	+23,7	+14,14	+16,8	−1	−4			
17	+3,459	+20,6	+15,77	+15,7	0	−4			
27	+3,649	+17,4	+17,27	+14,3	0	−4			
Oct. 7	+3,807	+14,2	+18,63	+12,8	+1	−4			
17	+3,933	+11,0	+19,83	+11,2	+2	−4			
27	+4,027	+ 7,9	+20,86	+ 9,4	+2	−4			
Nov. 6	+4,090	+ 4,8	+21,71	+ 7,7	+3	−4			
16	+4,123	+ 1,9	+22,40	+ 6,0	+4	−3			
26	+4,127	− 1,1	+22,90	+ 4,2	+4	−3			
Dec. 6	+4,101	− 4,0	+23,24	+ 2,5	+5	−3			
16	+4,048	− 6,6	+23,39	+ 0,6	+5	−2			
26	+3,969	− 9,1	+23,36	− 1,2	+5	−2			
36	+3,866	−11,3	+23,16	− 2,9	+6	−2			

Diei reducto addendum est:

ante } Apr. 21 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Ceti.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$			^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1810	Jan. 0	2 52 21,963	+ 3 20 8,49	1820	Jan. 1	2 52 52,658	+ 3 22 43,1
	Apr. 10	21,869	7,88		Apr. 10	52,752	43,6
	Jul. 19	21,774	7,31		Jul. 19	52,846	44,0
	Oct. 27	21,677	6,79		Oct. 27	52,939	44,4
	Dec. 66	21,578	6,31		Dec. 66	53,032	44,7
1811	Jan. 0	2 52 24,733	+ 3 20 20,98	1821	Jan. 0	2 52 56,123	+ 3 22 59,1
	Apr. 10	24,634	20,54		Apr. 10	56,215	59,4
	Jul. 19	24,537	20,16		Jul. 19	56,304	59,6
	Oct. 27	24,441	19,84		Oct. 27	56,390	59,8
	Dec. 66	24,346	19,58		Dec. 66	56,472	59,9
1812	Jan. 1	2 52 27,500	+ 3 20 34,18	1822	Jan. 0	2 52 59,568	+ 3 23 14,3
	Apr. 10	27,407	33,97		Apr. 10	59,648	14,4
	Jul. 19	27,319	33,82		Jul. 19	59,722	14,4
	Oct. 27	27,236	33,75		Oct. 27	59,791	14,3
	Dec. 66	27,157	33,74		Dec. 66	59,854	14,1
1813	Jan. 0	2 52 30,305	+ 3 20 48,25	1823	Jan. 0	2 53 2,956	+ 3 23 28,7
	Apr. 10	30,230	48,28		Apr. 10	3,015	28,5
	Jul. 19	30,161	48,38		Jul. 19	3,067	28,2
	Oct. 27	30,100	48,56		Oct. 27	3,112	27,9
	Dec. 66	30,046	48,81		Dec. 66	3,149	27,6
1814	Jan. 0	2 52 33,185	+ 3 21 3,23	1824	Jan. 1	2 53 6,260	+ 3 23 42,2
	Apr. 10	33,136	3,51		Apr. 10	6,292	41,8
	Jul. 19	33,096	3,85		Jul. 19	6,315	41,3
	Oct. 27	33,064	4,25		Oct. 27	6,329	40,8
	Dec. 66	33,040	4,71		Dec. 66	6,335	40,3
1815	Jan. 0	2 52 36,169	+ 3 21 19,06	1825	Jan. 0	2 53 9,457	+ 3 23 54,9
	Apr. 10	36,152	19,55		Apr. 10	9,457	54,4
	Jul. 19	36,143	20,08		Jul. 19	9,448	53,7
	Oct. 27	36,143	20,65		Oct. 27	9,430	53,1
	Dec. 66	36,151	21,27		Dec. 66	9,403	52,4
1816	Jan. 1	2 52 39,270	+ 3 21 35,57	1826	Jan. 0	2 53 12,537	+ 3 24 7,1
	Apr. 10	39,285	36,21		Apr. 10	12,504	6,4
	Jul. 19	39,308	36,87		Jul. 19	12,463	5,7
	Oct. 27	39,339	37,55		Oct. 27	12,414	5,0
	Dec. 66	39,379	38,25		Dec. 66	12,357	4,3
1817	Jan. 0	2 52 42,487	+ 3 21 52,52	1827	Jan. 0	2 53 15,500	+ 3 24 19,0
	Apr. 10	42,532	53,23		Apr. 10	15,433	18,2
	Jul. 19	42,584	53,94		Jul. 19	15,370	17,5
	Oct. 27	42,643	54,65		Oct. 27	15,295	16,8
	Dec. 66	42,708	55,36		Dec. 66	15,214	16,1
1818	Jan. 0	2 52 45,808	+ 3 22 9,62	1828	Jan. 1	2 53 18,365	+ 3 24 30,8
	Apr. 10	45,877	10,33		Apr. 10	18,281	30,1
	Jul. 19	45,951	11,01		Jul. 19	18,193	29,5
	Oct. 27	46,030	11,67		Oct. 27	18,100	28,8
	Dec. 66	46,114	12,32		Dec. 66	18,003	28,3
1819	Jan. 0	2 52 49,208	+ 3 22 26,60	1829	Jan. 0	2 53 21,161	+ 3 24 42,9
	Apr. 10	49,294	27,22		Apr. 10	21,064	42,4
	Jul. 19	49,383	27,81		Jul. 19	20,967	41,9
	Oct. 27	49,474	28,35		Oct. 27	20,869	41,4
	Dec. 66	49,567	28,86		Dec. 66	20,770	41,0

Tabulae X. Sect. IV. *α Ceti.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
n. 0	+0,790	— 7,2	— 0,60	— 7,3	+3	+1	1810	2 52 21,5759	+ 3 20 12,605
10	+0,705	— 9,8	— 1,31	— 6,8	+3	+1	1811	52 24,6977	20 27,126
20	+0,595	—12,0	— 1,96	— 6,1	+3	+1	1812	52 27,8196	20 41,643
30	+0,465	—13,7	— 2,53	— 5,3	+3	+1	1813	52 30,9416	20 56,158
br. 9	+0,322	—14,6	— 3,01	— 4,4	+3	+1	1814	52 34,0637	21 10,669
							1815	52 37,1858	21 25,177
19	+0,173	—14,9	— 3,40	— 3,3	+3	+1	1816	52 40,3081	21 39,682
rt. 1	+0,025	—14,2	— 3,66	— 2,0	+3	+1	1817	52 43,4305	21 54,184
11	—0,111	—12,6	— 3,79	— 0,5	+2	+1	1818	52 46,5530	22 8,682
21	—0,227	—10,3	— 3,76	+ 1,2	+2	+1	1819	52 49,6756	22 23,178
31	—0,316	— 7,1	— 3,56	+ 2,9	+2	0	1820	52 52,7982	22 37,670
							1821	52 55,9209	22 52,159
r. 10	—0,369	— 3,3	— 3,18	+ 4,9	+1	0	1822	52 59,0437	23 6,645
20	—0,382	+ 1,0	— 2,59	+ 6,9	+1	0	1823	53 2,1666	23 21,128
30	—0,350	+ 5,5	— 1,80	+ 9,0	0	—1	1824	53 5,2897	23 35,608
j. 10	—0,272	+10,1	— 0,79	+11,1	0	—1	1825	53 8,4129	23 50,084
20	—0,149	+14,5	+ 0,41	+12,9	—1	—1	1826	53 11,5362	24 4,557
							1827	53 14,6596	24 19,027
30	+0,017	+18,6	+ 1,79	+14,7	—1	—2	1828	53 17,7830	24 33,494
. 9	+0,223	+22,3	+ 3,34	+16,1	—1	—2	1829	53 20,9065	24 47,958
19	+0,463	+25,3	+ 5,00	+17,0	—2	—2	1830	53 24,0302	25 2,419
29	+0,729	+27,7	+ 6,74	+17,6	—2	—3			
9	+1,017	+29,4	+ 8,52	+17,7	—2	—3			
19	+1,317	+30,3	+10,28	+17,3	—2	—3			
29	+1,622	+30,6	+11,98	+16,4	—2	—3			
. 8	+1,928	+30,1	+13,56	+15,0	—2	—3			
18	+2,223	+28,9	+14,97	+13,1	—2	—3			
28	+2,506	+27,5	+16,18	+11,0	—2	—3			
e. 7	+2,772	+25,5	+17,16	+ 8,5	—2	—3			
17	+3,016	+23,2	+17,88	+ 6,0	—1	—3			
27	+3,236	+20,7	+18,35	+ 3,4	—1	—3			
c. 7	+3,430	+18,1	+18,56	+ 0,9	—1	—3			
17	+3,597	+15,4	+18,53	— 1,3	0	—3			
27	+3,737	+12,5	+18,30	— 3,4	0	—3			
No 6	+3,847	+ 9,6	+17,86	— 5,1	+1	—3			
16	+3,928	+ 6,7	+17,29	— 6,2	+2	—3			
26	+3,980	+ 3,7	+16,62	— 7,1	+2	—3			
De 6	+4,001	+ 0,6	+15,88	— 7,6	+3	—2			
6	+3,992	— 2,5	+15,11	— 7,7	+3	—2			
16	+3,952	— 5,4	+14,35	— 7,5	+3	—2			
26	+3,884	— 8,2	+13,61	— 7,1	+4	—2			

Diei reducto addendum est:

ante / post } Maj. 5 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	4 25 2,294	+ 16 6 51,51	1820	Jan. 1	4 25 35,924	+ 16 8 24,9
	Apr. 10	2,193	51,04		Apr. 10	36,026	25,4
	Jul. 19	2,089	50,63		Jul. 19	36,129	25,4
	Oct. 27	1,983	50,29		Oct. 27	36,231	25,0
	Dec. 66	1,875	50,01		Dec. 66	36,334	25,7
1811	Jan. 0	4 25 5,340	+ 16 6 57,99	1821	Jan. 0	4 25 39,729	+ 16 8 33,5
	Apr. 10	5,231	57,77		Apr. 10	39,830	33,3
	Jul. 19	5,124	57,62		Jul. 19	39,929	33,4
	Oct. 27	5,018	57,54		Oct. 27	40,024	33,4
	Dec. 66	4,913	57,54		Dec. 66	40,117	33,4
1812	Jan. 1	4 25 8,376	+ 16 7 5,43	1822	Jan. 0	4 25 43,516	+ 16 8 41,7
	Apr. 10	8,273	5,48		Apr. 10	43,605	40,9
	Jul. 19	8,175	5,61		Jul. 19	43,689	40,4
	Oct. 27	8,082	5,81		Oct. 27	43,767	40,0
	Dec. 66	7,994	6,09		Dec. 66	43,839	39,7
1813	Jan. 0	4 25 11,450	+ 16 7 13,88	1823	Jan. 0	4 25 47,245	+ 16 8 47,1
	Apr. 10	11,365	14,20		Apr. 10	47,313	47,0
	Jul. 19	11,288	14,59		Jul. 19	47,373	46,7
	Oct. 27	11,217	15,04		Oct. 27	47,425	46,5
	Dec. 66	11,155	15,55		Dec. 66	47,469	45,9
1814	Jan. 0	4 25 14,604	+ 16 7 23,26	1824	Jan. 1	4 25 50,885	+ 16 8 53,3
	Apr. 10	14,548	23,81		Apr. 10	50,923	53,0
	Jul. 19	14,499	24,41		Jul. 19	50,952	52,8
	Oct. 27	14,461	25,06		Oct. 27	50,971	51,7
	Dec. 66	14,430	25,75		Dec. 66	50,981	51,7
1815	Jan. 0	4 25 17,868	+ 16 7 33,39	1825	Jan. 0	4 25 54,409	+ 16 8 59,4
	Apr. 10	17,845	34,10		Apr. 10	54,413	58,8
	Jul. 19	17,831	34,84		Jul. 19	54,407	57,9
	Oct. 27	17,827	35,60		Oct. 27	54,390	56,8
	Dec. 66	17,833	36,39		Dec. 66	54,365	55,5
1816	Jan. 1	4 25 21,259	+ 16 7 44,00	1826	Jan. 0	4 25 57,804	+ 16 9 4,0
	Apr. 10	21,271	45,79		Apr. 10	57,772	3,4
	Jul. 19	21,293	45,58		Jul. 19	57,731	2,8
	Oct. 27	21,323	46,37		Oct. 27	57,681	1,9
	Dec. 66	21,363	47,16		Dec. 66	57,621	0,9
1817	Jan. 0	4 25 24,778	+ 16 7 54,77	1827	Jan. 0	4 26 1,072	+ 16 9 8,8
	Apr. 10	24,824	55,55		Apr. 10	1,007	8,0
	Jul. 19	24,878	56,30		Jul. 19	0,935	7,1
	Oct. 27	24,939	57,03		Oct. 27	0,855	6,2
	Dec. 66	25,008	57,74		Dec. 66	0,768	6,2
1818	Jan. 0	4 25 28,413	+ 16 8 5,37	1828	Jan. 1	4 26 4,228	+ 16 9 14,0
	Apr. 10	28,487	6,05		Apr. 10	4,138	13,4
	Jul. 19	28,566	6,69		Jul. 19	4,043	13,0
	Oct. 27	28,651	7,28		Oct. 27	3,943	12,6
	Dec. 66	28,741	7,83		Dec. 66	3,840	12,3
1819	Jan. 0	4 25 32,139	+ 16 8 15,52	1829	Jan. 0	4 26 7,305	+ 16 9 20,0
	Apr. 10	32,232	16,03		Apr. 10	7,199	19,8
	Jul. 19	32,328	16,48		Jul. 19	7,092	19,7
	Oct. 27	32,427	16,87		Oct. 27	6,984	19,7
	Dec. 66	32,529	17,21		Dec. 66	6,876	19,7

Tabulae X. Sect. IV. *α Tauri.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	+1″,213	— 0,4	+ 1″,28	— 2,5	+2	—1	1810	4 25 1″,8303	+ 16 6 58″,364
10	+1,189	— 4,4	+ 1,04	— 2,5	+2	—1	1811	25 5,2585	7 6,264
20	+1,125	— 8,3	+ 0,79	— 2,5	+3	—1	1812	25 8,6868	7 14,160
30	+1,023	—11,8	+ 0,54	— 2,5	+3	0	1813	25 12,1152	7 22,051
Febr. 9	+0,890	—14,4	+ 0,29	— 2,6	+3	0	1814	25 15,5437	7 29,937
							1815	25 18,9725	7 37,819
19	+0,735	—16,3	+ 0,02	— 2,7	+3	0	1816	25 22,4013	7 45,697
März 1	+0,565	—17,2	— 0,25	— 2,7	+4	0	1817	25 25,8302	7 53,569
11	+0,391	—17,1	— 0,52	— 2,7	+3	0	1818	25 29,2592	8 1,437
21	+0,224	—15,8	— 0,78	— 2,5	+3	0	1819	25 32,6883	8 9,301
31	+0,075	—13,7	— 1,01	— 2,1	+3	0	1820	25 36,1174	8 17,160
							1821	25 39,5467	8 25,014
Apr. 10	—0,049	—10,5	— 1,19	— 1,4	+3	0	1822	25 42,9761	8 32,864
20	—0,137	— 6,7	— 1,29	— 0,6	+2	0	1823	25 46,4056	8 40,709
30	—0,184	— 2,5	— 1,30	+ 0,5	+2	0	1824	25 49,8352	8 48,550
Mai. 10	—0,186	+ 2,2	— 1,19	+ 1,8	+1	0	1825	25 53,2650	8 56,386
20	—0,141	+ 6,9	— 0,94	+ 3,2	+1	0	1826	25 56,6949	9 4,218
							1827	26 0,1249	9 12,045
30	—0,049	+11,5	— 0,55	+ 4,7	0	0	1828	26 3,5550	9 19,867
Juni. 9	+0,089	+15,9	— 0,01	+ 6,1	0	—1	1829	26 6,9851	9 27,685
19	+0,268	+19,7	+ 0,67	+ 7,5	—1	—1	1830	26 10,4154	9 35,498
29	+0,483	+23,1	+ 1,48	+ 8,6	—1	—1			
Juli 9	+0,729	+25,9	+ 2,39	+ 9,5	—2	—2			
19	+1,000	+28,0	+ 3,37	+10,0	—2	—2			
29	+1,289	+29,5	+ 4,39	+10,3	—2	—3			
Aug. 8	+1,590	+30,4	+ 5,42	+10,2	—2	—3			
18	+1,897	+30,8	+ 6,42	+ 9,6	—2	—3			
28	+2,205	+30,6	+ 7,33	+ 8,7	—2	—4			
Sept. 7	+2,508	+30,0	+ 8,16	+ 7,6	—2	—4			
17	+2,804	+29,1	+ 8,85	+ 6,3	—2	—4			
27	+3,089	+27,8	+ 9,41	+ 4,9	—2	—5			
Oct. 7	+3,360	+26,2	+ 9,82	+ 3,4	—2	—5			
17	+3,613	+24,3	+10,08	+ 2,0	—1	—5			
27	+3,846	+22,2	+10,21	+ 0,7	—1	—5			
Nov. 6	+4,056	+19,7	+10,21	— 0,4	0	—5			
16	+4,240	+16,9	+10,13	— 1,2	0	—5			
26	+4,393	+13,7	+ 9,97	— 1,8	+1	—6			
Dec. 6	+4,513	+10,1	+ 9,77	— 2,2	+2	—6			
16	+4,595	+ 6,2	+ 9,54	— 2,4	+2	—6			
26	+4,637	+ 2,2	+ 9,29	— 2,5	+3	—5			
36	+4,639	— 1,9	+ 9,05	— 2,4	+3	—5			

Diei reducto addendum est:

ante } Maj. 29 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens

Tabulae X. Sect. IV. *α Aurigae.*

		^{h}	^{m}	^{s}	°	′	″
1810	Jan. 0	5	2	40,990	+45	47	16,34
	Apr. 10			40,862			15,95
	Jul. 19			40,730			15,62
	Oct. 27			40,595			15,37
	Dec. 66			40,456			15,19
1811	Jan. 0	5	2	44,914	+45	47	19,78
	Apr. 10			44,774			19,66
	Jul. 19			44,635			19,61
	Oct. 27			44,497			19,64
	Dec. 66			44,361			19,75
1812	Jan. 1	5	2	48,818	+45	47	24,24
	Apr. 10			48,684			24,40
	Jul. 19			48,555			24,63
	Oct. 27			48,432			24,94
	Dec. 66			48,314			25,32
1813	Jan. 0	5	2	52,764	+45	47	29,71
	Apr. 10			52,651			30,14
	Jul. 19			52,547			30,62
	Oct. 27			52,452			31,17
	Dec. 66			52,367			31,77
1814	Jan. 0	5	2	56,806	+45	47	36,09
	Apr. 10			56,728			36,72
	Jul. 19			56,661			37,40
	Oct. 27			56,606			38,12
	Dec. 66			56,562			38,87
1815	Jan. 0	5	3	0,987	+45	47	43,13
	Apr. 10			0,951			43,90
	Jul. 19			0,928			44,69
	Oct. 27			0,917			45,49
	Dec. 66			0,919			46,31
1816	Jan. 1	5	3	5,329	+45	47	50,54
	Apr. 10			5,340			51,36
	Jul. 19			5,362			52,17
	Oct. 27			5,396			52,96
	Dec. 66			5,442			53,75
1817	Jan. 0	5	3	9,838	+45	47	57,99
	Apr. 10			9,892			58,76
	Jul. 19			9,956			59,50
	Oct. 27			10,030		48	0,20
	Dec. 66			10,115			0,87
1818	Jan. 0	5	3	14,498	+45	48	5,15
	Apr. 10			14,589			5,79
	Jul. 19			14,687			6,37
	Oct. 27			14,793			6,91
	Dec. 66			14,907			7,39
1819	Jan. 0	5	3	19,281	+45	48	11,73
	Apr. 10			19,398			12,17
	Jul. 19			19,520			12,54
	Oct. 27			19,646			12,85
	Dec. 66			19,777			13,10
1820	Jan. 1	5	3	24,146	+45	48	17,5
	Apr. 10			24,278			17,7
	Jul. 19			24,410			17,8
	Oct. 27			24,542			17,8
	Dec. 66			24,675			17,8
1821	Jan. 0	5	3	29,044	+45	48	22,5
	Apr. 10			29,176			22,5
	Jul. 19			29,304			22,
	Oct. 27			29,429			21,9
	Dec. 66			29,550			21,6
1822	Jan. 0	5	3	33,924	+45	48	26,
	Apr. 10			34,042			25,
	Jul. 19			34,153			25,
	Oct. 27			34,257			25,
	Dec. 66			34,355			24,
1823	Jan. 0	5	3	38,737	+45	48	29,
	Apr. 10			38,828			28,
	Jul. 19			38,910			28,
	Oct. 27			38,982			27,
	Dec. 66			39,044			26,
1824	Jan. 1	5	3	43,438	+45	48	31,
	Apr. 10			43,492			30,
	Jul. 19			43,535			29,
	Oct. 27			43,565			29,
	Dec. 66			43,584			28,
1825	Jan. 0	5	3	47,993	+45	48	33,
	Apr. 10			48,003			32,
	Jul. 19			48,001			31,
	Oct. 27			47,986			30,
	Dec. 66			47,959			29,
1826	Jan. 0	5	3	52,383	+45	48	34,
	Apr. 10			52,347			33,
	Jul. 19			52,299			32,
	Oct. 27			52,239			32,
	Dec. 66			52,167			31,
1827	Jan. 0	5	3	56,607	+45	48	36,
	Apr. 10			56,528			35,
	Jul. 19			56,439			34,
	Oct. 27			56,341			34,
	Dec. 66			56,233			33,
1828	Jan. 1	5	4	0,683	+45	48	38,
	Apr. 10			0,570			37,
	Jul. 19			0,450			37,
	Oct. 27			0,324			36,
	Dec. 66			0,192			36,
1829	Jan. 0	5	4	4,651	+45	48	40,
	Apr. 10			4,517			40,
	Jul. 19			4,380			40,
	Oct. 27			4,241			40,
	Dec. 66			4,100			40,

Tabulae X. Sect. IV. *α Aurigae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	+1,822	+ 2,8	+4,20	+14,0	+3	− 4	1810	5 2 40.3346	+45 47 24,012
10	+1,819	− 3,4	+5,55	+12,8	+4	− 4	1811	2 44,7459	47 28,551
20	+1,754	− 9,3	+6,76	+11,2	+5	− 4	1812	2 49,1574	47 33,083
30	+1,634	−14,5	+7,79	+ 9,1	+5	− 3	1813	2 53,5690	47 37,610
ebr. 9	+1,464	−19,1	+8,57	+ 6,5	+6	− 3	1814	2 57,9803	47 42,130
							1815	3 2,3928	47 46,644
19	+1,253	−22,5	+9,09	+ 3,7	+6	− 2	1816	3 6,8050	47 51,152
Mart. 1	+1,015	−24,5	+9,31	+ 0,7	+6	− 1	1817	3 11,2174	47 55,653
11	+0,764	−25,1	+9,22	− 2,4	+6	0	1818	3 15,6300	48 0,148
21	+0,514	−24,2	+8,83	− 5,3	+6	0	1819	3 20,0427	48 4,637
31	+0,281	−21,9	+8,16	− 8,0	+6	+ 1	1820	3 24,4556	48 9,120
							1821	3 28,8687	48 13,597
Apr. 10	+0,076	−18,4	+7,24	−10,2	+5	+ 1	1822	3 33,2820	48 18,067
20	−0,087	−13,8	+6,13	−11,8	+4	+ 2	1823	3 37,6955	48 22,531
30	−0,199	− 8,4	+4,87	−13,0	+4	+ 2	1824	3 42,1092	48 26,989
Maj. 10	−0,254	− 2,4	+3,52	−13,7	+3	+ 2	1825	3 46,5230	48 31,441
20	−0,247	+ 3,8	+2,14	−13,7	+2	+ 2	1826	3 50,9370	48 35,886
							1827	3 55,3512	48 40,326
30	−0,178	+10,0	+0,79	−13,2	+1	+ 2	1828	3 59,7656	48 44,759
Jun. 9	−0,047	+15,9	−0,50	−12,3	0	+ 2	1829	4 4,1802	48 49,185
19	+0,140	+21,4	−1,66	−10,9	−1	+ 2	1830	4 8,5950	48 53,606
29	+0,381	+26,4	−2,67	− 9,3	−2	+ 1			
Jul. 9	+0,667	+30,6	−3,51	− 7,5	−2	0			
19	+0,992	+34,1	−4,16	− 5,5	−3	0			
29	+1,348	+36,8	−4,60	− 3,4	−3	− 1			
Aug. 8	+1,728	+38,9	−4,84	− 1,5	−4	− 2			
18	+2,125	+40,2	−4,89	+ 0,5	−4	− 3			
28	+2,532	+40,9	−4,74	+ 2,4	−4	− 4			
Sept. 7	+2,942	+41,0	−4,41	+ 4,2	−4	− 5			
17	+3,352	+40,6	−3,91	+ 5,8	−4	− 5			
27	+3,754	+39,7	−3,26	+ 7,3	−4	− 6			
Oct. 7	+4,146	+38,4	−2,46	+ 8,7	−3	− 7			
17	+4,521	+36,4	−1,53	+10,0	−3	− 8			
27	+4,874	+34,0	−0,46	+11,3	−2	− 9			
Nov. 6	+5,201	+31,0	+0,73	+12,4	−1	− 9			
16	+5,494	+27,3	+2,02	+13,4	0	−10			
26	+5,747	+23,0	+3,40	+14,2	+1	−10			
Dec. 6	+5,954	+18,1	+4,84	+14,6	+2	−11			
16	+6,108	+12,6	+6,32	+14,7	+3	−11			
26	+6,205	+ 6,7	+7,78	+14,4	+4	−11			
36	+6,241	+ 0,4	+9,20	+13,6	+5	−10			

Diei reducto addendum est:

ante } Jun. 7 { + 1
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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Orionis.*

1810	Jan. 0	5 5 24,973	— 8 25 58,76	1820	Jan. 1	5 5 53,354	— 8 24 55,8
	Apr. 10	24,886	59,15		Apr. 10	53,441	55,6
	Jul. 19	24,797	59,47		Jul. 19	53,527	55,4
	Oct. 27	24,707	59,71		Oct. 27	53,613	55,4
	Dec. 66	24,616	59,88		Dec. 66	53,698	55,4
1811	Jan. 0	5 5 27,524	— 8 25 55,13	1821	Jan. 0	5 5 56,547	— 8 24 50,7
	Apr. 10	27,433	55,25		Apr. 10	56,631	50,8
	Jul. 19	27,343	55,29		Jul. 19	56,711	51,0
	Oct. 27	27,256	55,25		Oct. 27	56,788	51,2
	Dec. 66	27,170	55,14		Dec. 66	56,862	51,5
1812	Jan. 1	5 5 30,076	— 8 25 50,49	1822	Jan. 0	5 5 59,716	— 8 24 46,7
	Apr. 10	29,992	50,32		Apr. 10	59,787	47,0
	Jul. 19	29,913	50,08		Jul. 19	59,853	47,4
	Oct. 27	29,839	49,77		Oct. 27	59,914	47,9
	Dec. 66	29,769	49,38		Dec. 66	59,969	48,4
1813	Jan. 0	5 5 32,669	— 8 25 44,82	1823	Jan. 0	5 6 2,830	— 8 24 43,6
	Apr. 10	32,603	44,39		Apr. 10	2,881	44,1
	Jul. 19	32,543	43,90		Jul. 19	2,925	44,7
	Oct. 27	32,490	43,35		Oct. 27	2,963	45,4
	Dec. 66	32,444	42,74		Dec. 66	2,993	46,1
1814	Jan. 0	5 5 35,336	— 8 25 38,26	1824	Jan. 1	5 6 5,862	— 8 24 41,2
	Apr. 10	35,295	37,61		Apr. 10	5,887	42,9
	Jul. 19	35,261	36,93		Jul. 19	5,905	42,7
	Oct. 27	35,236	36,22		Oct. 27	5,914	43,4
	Dec. 66	35,218	35,46		Dec. 66	5,915	44,2
1815	Jan. 0	5 5 38,101	— 8 25 31,03	1825	Jan. 0	5 6 8,794	— 8 24 39,9
	Apr. 10	38,089	30,27		Apr. 10	8,788	40,1
	Jul. 19	38,085	29,48		Jul. 19	8,777	40,9
	Oct. 27	38,089	28,67		Oct. 27	8,757	41,8
	Dec. 66	38,101	27,84		Dec. 66	8,728	42,6
1816	Jan. 1	5 5 40,974	— 8 25 23,43	1826	Jan. 0	5 6 11,617	— 8 24 37,7
	Apr. 10	40,992	22,61		Apr. 10	11,583	38,5
	Jul. 19	41,017	21,81		Jul. 19	11,542	39,2
	Oct. 27	41,050	21,01		Oct. 27	11,493	40,0
	Dec. 66	41,090	20,23		Dec. 66	11,437	40,8
1817	Jan. 0	5 5 43,954	— 8 25 15,81	1827	Jan. 0	5 6 14,335	— 8 24 35,9
	Apr. 10	43,999	15,05		Apr. 10	14,275	36,6
	Jul. 19	44,050	14,31		Jul. 19	14,209	37,2
	Oct. 27	44,107	13,61		Oct. 27	14,138	37,9
	Dec. 66	44,170	12,94		Dec. 66	14,061	38,5
1818	Jan. 0	5 5 47,026	— 8 25 8,49	1828	Jan. 1	5 6 16,966	— 8 24 33,6
	Apr. 10	47,093	7,85		Apr. 10	16,886	34,2
	Jul. 19	47,164	7,27		Jul. 19	16,803	34,9
	Oct. 27	47,239	6,74		Oct. 27	16,717	35,6
	Dec. 66	47,318	6,26		Dec. 66	16,628	35,4
1819	Jan. 0	5 5 50,170	— 8 25 1,74	1829	Jan. 0	5 6 19,536	— 8 24 30,7
	Apr. 10	50,251	1,31		Apr. 10	19,446	30,9
	Jul. 19	50,334	0,94		Jul. 19	19,356	31,1
	Oct. 27	50,418	0,63		Oct. 27	19,266	31,3
	Dec. 66	50,504	0,39		Dec. 66	19,175	31,5

Tabulae X. Sect. IV. *β Orionis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,280	+ 1,5	— 2,92	—16,0	+1	+1	1810	5 5 24,6580	— 8 25 51,040
10	+1,274	— 2,8	— 4,45	—14,5	+2	+1	1811	5 27,5359	25 46,340
20	+1,225	— 6,9	— 5,81	—12,5	+2	+1	1812	5 30,4138	25 41,644
30	+1,137	—10,6	— 6,95	—10,3	+2	0	1813	5 33,2918	25 36,952
Febr. 9	+1,014	—13,7	— 7,86	— 7,9	+3	0	1814	5 36,1698	25 32,264
							1815	5 39,0479	25 27,579
19	+0,864	—16,0	— 8,53	— 5,5	+3	0	1816	5 41,9260	25 22,899
Mart. 1	+0,694	—17,5	— 8,95	— 3,0	+3	0	1817	5 44,8042	25 18,223
11	+0,514	—18,1	— 9,13	— 0,5	+3	0	1818	5 47,6824	25 13,551
21	+0,333	—17,6	— 9,05	+ 2,1	+3	—1	1819	5 50,5606	25 8,883
31	+0,163	—16,1	— 8,72	+ 4,5	+3	—1	1820	5 53,4389	25 4,220
							1821	5 56,3172	24 59,561
Apr. 10	+0,012	—13,7	— 8,15	+ 6,9	+2	—1	1822	5 59,1956	24 54,906
20	—0,111	—10,6	— 7,34	+ 9,3	+2	—1	1823	6 2,0740	24 50,255
30	—0,200	— 7,0	— 6,29	+11,6	+2	—1	1824	6 4,9525	24 45,608
Maj. 10	—0,250	— 2,9	— 5,03	+13,6	+1	—2	1825	6 7,8310	24 40,964
20	—0,257	+ 1,5	— 3,57	+15,5	+1	—2	1826	6 10,7095	24 36,325
							1827	6 13,5881	24 31,690
30	—0,220	+ 5,9	— 1,94	+17,1	+1	—2	1828	6 16,4667	24 27,059
Jun. 9	—0,140	+10,1	— 0,16	+18,3	0	—2	1829	6 19,3454	24 22,432
19	—0,019	+14,0	+ 1,72	+19,1	0	—3	1830	6 22,2241	24 17,810
29	+0,140	+17,6	+ 3,65	+19,4	—1	—3			
Jul. 9	+0,333	+20,7	+ 5,59	+19,2	—1	—3			
19	+0,554	+23,3	+ 7,48	+18,4	—1	—3			
29	+0,799	+25,4	+ 9,26	+16,9	—2	—3			
Aug. 8	+1,062	+26,9	+10,86	+14,9	—2	—3			
18	+1,337	+27,9	+12,23	+12,4	—2	—3			
28	+1,620	+28,5	+13,33	+ 9,4	—2	—3			
Sept. 7	+1,906	+28,6	+14,10	+ 5,9	—2	—3			
17	+2,191	+28,3	+14,51	+ 2,3	—2	—3			
27	+2,471	+27,6	+14,55	— 1,5	—2	—3			
Oct. 7	+2,743	+26,6	+14,22	— 5,1	—2	—3			
17	+3,002	+25,1	+13,53	— 8,6	—2	—3			
27	+3,245	+23,4	+12,51	—11,6	—1	—3			
Nov. 6	+3,469	+21,2	+11,22	—14,1	—1	—3			
16	+3,668	+18,5	+ 9,70	—16,0	—1	—3			
26	+3,839	+15,5	+ 8,03	—17,2	0	—3			
Dec. 6	+3,978	+12,0	+ 6,27	—17,7	0	—3			
16	+4,079	+ 8,2	+ 4,49	—17,6	+1	—3			
26	+4,141	+ 4,1	+ 2,76	—16,8	+1	—3			
36	+4,161	— 0,1	+ 1,14	—15,5	+2	—3			

Diei reducto addendum est:

ante } Jun. 8 { +1
post } { +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. β *Tauri.*

		^{h} $'$ $''$	$^\circ$ $'$ $''$			^{h} $'$ $''$	$^\circ$ $'$ $''$
1810	Jan. 0	5 14 17,852	+28 25 55,13	1820	Jan. 1	5 14 55,000	+28 26 48,92
	Apr. 10	17,740	54,76		Apr. 10	55,113	49,09
	Jul. 19	17,626	54,46		Jul. 19	55,226	49,19
	Oct. 27	17,510	54,24		Oct. 27	55,339	49,21
	Dec. 66	17,391	54,10		Dec. 66	55,452	49,16
1811	Jan. 0	5 14 21,214	+28 25 57,90	1821	Jan. 0	5 14 59,200	+28 26 52,90
	Apr. 10	21,094	57,81		Apr. 10	59,312	52,81
	Jul. 19	20,976	57,79		Jul. 19	59,420	52,64
	Oct. 27	20,859	57,85		Oct. 27	59,525	52,40
	Dec. 66	20,744	57,99		Dec. 66	59,626	52,09
1812	Jan. 1	5 14 24,566	+28 26 1,69	1822	Jan. 0	5 15 3,379	+28 26 55,90
	Apr. 10	24,453	1,89		Apr. 10	3,477	55,55
	Jul. 19	24,345	2,16		Jul. 19	3,568	55,14
	Oct. 27	24,242	2,50		Oct. 27	3,653	54,66
	Dec. 66	24,145	2,91		Dec. 66	3,732	54,12
1813	Jan. 0	5 14 27,962	+28 26 6,51	1823	Jan. 0	5 15 7,492	+28 26 58,01
	Apr. 10	27,869	6,97		Apr. 10	7,566	57,43
	Jul. 19	27,784	7,48		Jul. 19	7,631	56,81
	Oct. 27	27,708	7,05		Oct. 27	7,687	56,14
	Dec. 66	27,640	8,68		Dec. 66	7,735	55,45
1814	Jan. 0	5 14 31,446	+28 26 12,21	1824	Jan. 1	5 15 11,506	+28 26 59,37
	Apr. 10	31,384	12,87		Apr. 10	11,547	58,63
	Jul. 19	31,332	13,57		Jul. 19	11,577	57,87
	Oct. 27	31,290	14,31		Oct. 27	11,597	57,09
	Dec. 66	31,259	15,08		Dec. 66	11,607	56,28
1815	Jan. 0	5 14 35,053	+28 26 18,56	1825	Jan. 0	5 15 15,391	+28 27 0,24
	Apr. 10	35,029	19,34		Apr. 10	15,394	26 59,42
	Jul. 19	35,015	20,14		Jul. 19	15,386	58,60
	Oct. 27	35,012	20,95		Oct. 27	15,367	57,78
	Dec. 66	35,019	21,78		Dec. 66	15,337	56,96
1816	Jan. 1	5 14 38,801	+28 26 25,24	1826	Jan. 0	5 15 19,134	+28 27 0,92
	Apr. 10	38,816	26,06		Apr. 10	19,096	0,11
	Jul. 19	38,840	26,87		Jul. 19	19,051	26 59,33
	Oct. 27	38,875	27,66		Oct. 27	18,994	58,57
	Dec. 66	38,921	28,44		Dec. 66	18,928	57,84
1817	Jan. 0	5 14 42,689	+28 26 31,91	1827	Jan. 0	5 15 22,737	+28 27 1,76
	Apr. 10	42,741	32,67		Apr. 10	22,664	1,05
	Jul. 19	42,801	33,40		Jul. 19	22,583	0,40
	Oct. 27	42,870	34,09		Oct. 27	22,495	26 59,79
	Dec. 66	42,946	34,75		Dec. 66	22,399	59,24
1818	Jan. 0	5 14 46,705	+28 26 38,26	1828	Jan. 1	5 15 26,218	+28 27 3,09
	Apr. 10	46,787	39,88		Apr. 10	26,117	2,58
	Jul. 19	46,875	39,45		Jul. 19	26,011	2,12
	Oct. 27	46,969	39,97		Oct. 27	25,901	1,74
	Dec. 66	47,069	40,43		Dec. 66	25,786	1,43
1819	Jan. 0	5 14 50,820	+28 26 44,00	1829	Jan. 0	5 15 29,611	+28 27 5,19
	Apr. 10	50,923	44,42		Apr. 10	29,494	4,93
	Jul. 19	51,030	44,77		Jul. 19	29,377	4,74
	Oct. 27	51,139	45,05		Oct. 27	29,258	4,63
	Dec. 66	51,252	45,27		Dec. 66	29,137	4,60

Tabulae X. Sect. IV. *β Tauri.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	+1″,470	+ 4,4	+1″,61	+4,2	+1	−2	1810	5 14 17,3525	+28 26 3,008
10	+1,490	− 0,6	+2,03	+4,1	+2	−2	1811	14 21,1369	26 6,772
20	+1,459	− 5,4	+2,42	+3,7	+3	−2	1812	14 24,9214	26 10,530
30	+1,382	− 9,9	+2,76	+3,1	+3	−2	1813	14 28,7060	26 14,283
Febr. 9	+1,262	−13,7	+3,03	+2,2	+4	−2	1814	14 32,4907	26 18,030
							1815	14 36,2754	26 21,772
19	+1,108	−16,7	+3,19	+1,1	+4	−1	1816	14 40,0603	26 25,508
Mart. 1	+0,929	−18,6	+3,24	−0,2	+4	−1	1817	14 43,8452	26 29,239
11	+0,737	−19,4	+3,16	−1,4	+4	−1	1818	14 47,6302	26 32,965
21	+0,542	−19,0	+2,96	−2,6	+4	0	1819	14 51,4153	26 36,685
31	+0,358	−17,3	+2,65	−3,6	+4	0	1820	14 55,2006	26 40,400
							1821	14 58,9859	26 44,109
Apr. 10	+0,196	−14,7	+2,24	−4,4	+4	0	1822	15 2,7713	26 47,813
20	+0,064	−11,2	+1,77	−4,9	+3	+1	1823	15 6,5568	26 51,512
30	−0,028	− 6,9	+1,27	−5,1	+3	+1	1824	15 10,3424	26 55,205
Maj. 10	−0,074	− 2,2	+0,76	−4,9	+2	+1	1825	15 14,1280	26 58,893
20	−0,072	+ 2,7	+0,29	−4,4	+2	+1	1826	15 17,9138	27 2,575
							1827	15 21,6996	27 6,252
30	−0,020	+ 7,6	−0,12	−3,7	+1	+1	1828	15 25,4855	27 9,924
Jun. 9	+0,080	+12,4	−0,44	−2,7	0	0	1829	15 29,2715	27 13,591
19	+0,227	+16,9	−0,66	−1,7	0	0	1830	15 33,0577	27 17,251
29	+0,417	+20,9	−0,77	−0,5	−1	0			
Jul. 9	+0,644	+24,3	−0,76	+0,7	−1	−1			
19	+0,902	+27,1	−0,64	+1,7	−2	−1			
29	+1,186	+29,4	−0,43	+2,5	−2	−2			
Aug. 8	+1,490	+31,1	−0,14	+3,2	−3	−2			
18	+1,808	+32,2	+0,21	+3,7	−3	−3			
28	+2,134	+32,9	+0,60	+4,0	−3	−3			
Sept. 7	+2,465	+33,1	+1,00	+4,0	−3	−4			
17	+2,796	+32,9	+1,40	+4,0	−3	−4			
27	+3,122	+32,3	+1,80	+3,9	−3	−5			
Oct. 7	+3,442	+31,4	+2,17	+3,6	−3	−6			
17	+3,750	+30,1	+2,52	+3,5	−2	−6			
27	+4,044	+28,4	+2,86	+3,4	−2	−6			
Nov. 6	+4,318	+26,2	+3,19	+3,3	−2	−7			
16	+4,568	+23,5	+3,52	+3,5	−1	−7			
26	+4,788	+20,3	+3,88	+3,6	0	−7			
Dec. 6	+4,974	+16,5	+4,24	+3,8	0	−8			
16	+5,118	+12,2	+4,64	+4,1	+1	−8			
26	+5,218	+ 7,5	+5,06	+4,2	+2	−8			
36	+5,268	+ 2,6	+5,48	+4,2	+3	−8			

Diei reducto addendum est:

ante / post Jun. 10 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Orionis.*

		^{h} ^{m} ^{s}		° ′ ″
1810	Jan. 0	5 44 53,668	+	7 21 29,44
	Apr. 10	53,570		29,15
	Jul. 19	53,471		28,93
	Oct. 27	53,370		28,79
	Dec. 66	53,263		28,72
1811	Jan. 0	5 44 56,547	+	7 21 30,05
	Apr. 10	56,444		30,04
	Jul. 19	56,343		30,11
	Oct. 27	56,244		30,26
	Dec. 66	56,147		30,48
1812	Jan. 1	5 44 59,424	+	7 21 31,71
	Apr. 10	59,329		31,99
	Jul. 19	59,238		32,33
	Oct. 27	59,253		32,75
	Dec. 66	59,072		33,23
1813	Jan. 0	5 45 2,343	+	7 21 34,36
	Apr. 10	2,267		34,89
	Jul. 19	2,198		35,47
	Oct. 27	2,136		36,10
	Dec. 66	2,081		36,79
1814	Jan. 0	5 45 5,343	+	7 21 37,85
	Apr. 10	5,294		38,57
	Jul. 19	5,254		39,31
	Oct. 27	5,223		40,08
	Dec. 66	5,200		40,89
1815	Jan. 0	5 45 8,451	+	7 21 41,91
	Apr. 10	8,435		42,73
	Jul. 19	8,428		43,54
	Oct. 27	8,430		44,37
	Dec. 66	8,441		45,19
1816	Jan. 1	5 45 11,681	+	7 21 46,21
	Apr. 10	11,698		47,03
	Jul. 19	11,724		47,83
	Oct. 27	11,759		48,61
	Dec. 66	11,802		49,36
1817	Jan. 0	5 45 15,032	+	7 21 50,40
	Apr. 10	15,080		51,14
	Jul. 19	15,135		51,83
	Oct. 27	15,198		52,48
	Dec. 66	15,267		53,09
1818	Jan. 0	5 45 18,488	+	7 21 54,17
	Apr. 10	18,562		54,74
	Jul. 19	18,640		55,25
	Oct. 27	18,723		55,71
	Dec. 66	18,811		56,10
1819	Jan. 0	5 45 22,026	+	7 21 57,25
	Apr. 10	22,116		57,59
	Jul. 19	22,209		57,86
	Oct. 27	22,304		58,08
	Dec. 66	22,402		58,23
1820	Jan. 1	^{h} ^{m} ^{s} 5 45 25,613	+	° ′ ″ 7 21 59,46
	Apr. 10	25,711		59,55
	Jul. 19	25,808		59,56
	Oct. 27	25,904		59,51
	Dec. 66	26,000		59,39
1821	Jan. 0	5 45 29,213	+	7 22 0,70
	Apr. 10	29,308		0,52
	Jul. 19	29,399		0,28
	Oct. 27	29,487		21 59,96
	Dec. 66	29,572		59,58
1822	Jan. 0	5 45 32,789	+	7 22 0,98
	Apr. 10	32,871		0,55
	Jul. 19	32,947		0,07
	Oct. 27	33,017		21 59,52
	Dec. 66	33,081		58,92
1823	Jan. 0	5 45 36,306	+	7 22 0,38
	Apr. 10	36,366		21 59,75
	Jul. 19	36,418		59,07
	Oct. 27	36,462		58,36
	Dec. 66	36,498		57,61
1824	Jan. 1	5 45 39,732	+	7 21 59,11
	Apr. 10	39,763		58,34
	Jul. 19	39,785		57,55
	Oct. 27	39,798		56,74
	Dec. 66	39,802		55,91
1825	Jan. 0	5 45 43,047	+	7 21 57,43
	Apr. 10	43,045		56,60
	Jul. 19	43,033		55,78
	Oct. 27	43,013		54,96
	Dec. 66	42,983		54,16
1826	Jan. 0	5 45 46,239	+	7 21 55,67
	Apr. 10	46,203		54,87
	Jul. 19	46,159		54,11
	Oct. 27	46,107		53,39
	Dec. 66	46,046		52,70
1827	Jan. 0	5 45 49,313	+	7 21 54,16
	Apr. 10	49,247		53,50
	Jul. 19	49,174		52,89
	Oct. 27	49,095		52,34
	Dec. 66	49,010		51,85
1828	Jan. 1	5 45 52,285	+	7 21 53,24
	Apr. 10	52,196		52,79
	Jul. 19	52,104		52,41
	Oct. 27	52,008		52,10
	Dec. 66	51,908		51,87
1829	Jan. 0	5 45 55,187	+	7 21 53,17
	Apr. 10	55,086		52,98
	Jul. 19	54,985		52,88
	Oct. 27	54,883		52,85
	Dec. 66	54,780		52,90

Tabulae X. Sect. IV. *α Orionis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,352	+ 6,4	— 1,30	— 8,7	+1	—1	1810	5 44 53,2868	+ 7 21 37,777
10	+1,393	+ 1,8	— 2,13	— 7,8	+1	—1	1811	44 56,5317	21 39,090
20	+1,388	— 2,8	— 2,85	— 6,6	+2	—1	1812	44 59,7766	21 40,398
30	+1,338	— 7,1	— 3,45	— 5,4	+2	—1	1813	45 3,0215	21 41,701
Febr. 9	+1,247	—10,9	— 3,93	— 4,3	+3	—1	1814	45 6,2665	21 42,999
							1815	45 9,5114	21 44,292
19	+1,121	—13,9	— 4,30	— 3,2	+3	—1	1816	45 12,7564	21 45,581
Mart. 1	+0,969	—16,1	— 4,56	— 2,1	+3	—1	1817	45 16,0015	21 46,865
11	+0,799	—17,3	— 4,71	— 1,1	+3	—1	1818	45 19,2466	21 48,145
21	+0,623	—17,4	— 4,77	— 0,1	+3	—1	1819	45 22,4917	21 49,420
31	+0,451	—16,5	— 4,73	+ 1,0	+3	—1	1820	45 25,7368	21 50,690
							1821	45 28,9820	21 51,955
Apr. 10	+0,295	—14,6	— 4,58	+ 2,0	+3	—1	1822	45 32,2272	21 53,216
20	+0,159	—11,9	— 4,33	+ 3,1	+3	—1	1823	45 35,4724	21 54,472
30	+0,055	— 8,6	— 3,97	+ 4,2	+2	—1	1824	45 38,7177	21 55,723
Maj. 10	—0,012	— 4,7	— 3,49	+ 5,4	+2	—1	1825	45 41,9630	21 56,969
20	—0,039	— 0,6	— 2,90	+ 6,5	+1	—1	1826	45 45,2083	21 58,211
							1827	45 48,4537	21 59,448
30	—0,024	+ 3,7	— 2,19	+ 7,7	+1	—1	1828	45 51,6991	22 0,680
Jun. 9	+0,034	+ 7,9	— 1,37	+ 8,7	+1	—1	1829	45 54,9445	22 1,907
19	+0,133	+11,8	— 0,45	+ 9,6	0	—2	1830	45 58,1899	22 3,130
29	+0,270	+15,4	+ 0,54	+10,2	0	—2			
Jul. 9	+0,442	+18,6	+ 1,58	+10,5	—1	—2			
19	+0,643	+21,5	+ 2,63	+10,4	—1	—2			
29	+0,871	+23,8	+ 3,66	+10,0	—2	—2			
Aug. 8	+1,119	+25,7	+ 4,62	+ 9,1	—2	—3			
18	+1,384	+27,1	+ 5,47	+ 7,8	—2	—3			
28	+1,661	+28,1	+ 6,18	+ 6,2	—2	—3			
Sept. 7	+1,946	+28,8	+ 6,71	+ 4,3	—3	—3			
17	+2,236	+29,0	+ 7,03	+ 2,1	—3	—4			
27	+2,526	+29,0	+ 7,13	— 0,2	—3	—4			
Oct. 7	+2,815	+28,7	+ 6,99	— 2,5	—3	—4			
17	+3,099	+27,9	+ 6,64	— 4,6	—2	—4			
27	+3,373	+26,8	+ 6,07	— 6,5	—2	—4			
Nov. 6	+3,634	+25,2	+ 5,34	— 8,0	—2	—4			
16	+3,876	+23,0	+ 4,47	— 9,2	—1	—5			
26	+4,093	+20,3	+ 3,50	— 9,9	—1	—5			
Dec. 6	+4,282	+17,1	+ 2,50	—10,1	0	—5			
16	+4,435	+13,3	+ 1,49	— 9,9	0	—5			
26	+4,548	+ 9,2	+ 0,53	— 9,2	+1	—5			
36	+4,618	+ 4,7	—0,35	— 8,4	+1	—5			

Diei reducto addendum est:

ante } Jun. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Canis majoris.*

		α	δ	
1810	Jan. 0	6h 36′ 46″,726	−16° 28′ 1″,28	
	Apr. 10	46,646	1,44	
	Jul. 19	46,564	1,52	
	Oct. 27	46,481	1,52	
	Dec. 66	46,396	1,44	
1811	Jan. 0	6 36 49,068	−16 28 5,92	
	Apr. 10	48,983	5,79	
	Jul. 19	48,900	5,58	
	Oct. 27	48,817	5,30	
	Dec. 66	48,736	4,94	
1812	Jan. 1	6 36 51,407	−16 28 9,51	
	Apr. 10	51,327	9,11	
	Jul. 19	51,251	8,64	
	Oct. 27	51,180	8,11	
	Dec. 66	51,113	7,52	
1813	Jan. 0	6 36 53,778	−16 28 12,18	
	Apr. 10	53,713	11,55	
	Jul. 19	53,654	10,88	
	Oct. 27	53,601	10,17	
	Dec. 66	53,554	9,42	
1814	Jan. 0	6 36 56,213	−16 28 14,13	
	Apr. 10	56,170	13,36	
	Jul. 19	56,135	12,57	
	Oct. 27	56,107	11,76	
	Dec. 66	56,086	10,93	
1815	Jan. 0	6 36 58,736	−16 28 15,67	
	Apr. 10	58,720	14,85	
	Jul. 19	58,712	14,03	
	Oct. 27	58,712	13,22	
	Dec. 66	58,719	12,41	
1816	Jan. 1	6 37 1,359	−16 28 17,15	
	Apr. 10	1,371	16,36	
	Jul. 19	1,391	15,60	
	Oct. 27	1,417	14,88	
	Dec. 66	1,451	14,19	
1817	Jan. 0	6 37 4,083	−16 28 18,89	
	Apr. 10	4,121	18,23	
	Jul. 19	4,165	17,62	
	Oct. 27	4,215	17,06	
	Dec. 66	4,270	16,56	
1818	Jan. 0	6 37 6,895	−16 28 21,19	
	Apr. 10	6,955	20,73	
	Jul. 19	7,018	20,33	
	Oct. 27	7,085	20,00	
	Dec. 66	7,155	19,73	
1819	Jan. 0	6 37 9,777	−16 28 24,29	
	Apr. 10	9,851	24,07	
	Jul. 19	9,927	23,92	
	Oct. 27	10,004	23,84	
	Dec. 66	10,084	23,84	
1820	Jan. 1	6h 37′ 12″,701	−16° 28′ 28″,31	
	Apr. 10	12,782	28,36	
	Jul. 19	12,862	28,48	
	Oct. 27	12,942	28,66	
	Dec. 66	13,022	28,92	
1821	Jan. 0	6 37 15,639	−16 28 33,31	
	Apr. 10	15,718	33,62	
	Jul. 19	15,795	33,99	
	Oct. 27	15,868	34,42	
	Dec. 66	15,939	34,92	
1822	Jan. 0	6 37 18,560	−16 28 39,23	
	Apr. 10	18,629	39,76	
	Jul. 19	18,693	40,35	
	Oct. 27	18,752	40,99	
	Dec. 66	18,807	41,67	
1823	Jan. 0	6 37 21,433	−16 28 45,93	
	Apr. 10	21,485	46,63	
	Jul. 19	21,530	47,37	
	Oct. 27	21,569	48,13	
	Dec. 66	21,601	48,92	
1824	Jan. 1	6 37 24,235	−16 28 53,16	
	Apr. 10	24,263	53,97	
	Jul. 19	24,283	54,78	
	Oct. 27	24,295	55,60	
	Dec. 66	24,299	56,42	
1825	Jan. 0	6 37 26,944	−16 29 0,65	
	Apr. 10	26,945	1,47	
	Jul. 19	26,938	2,27	
	Oct. 27	26,923	3,04	
	Dec. 66	26,900	3,80	
1826	Jan. 0	6 37 29,553	−16 29 8,05	
	Apr. 10	29,526	8,78	
	Jul. 19	29,491	9,47	
	Oct. 27	29,450	10,12	
	Dec. 66	29,401	10,72	
1827	Jan. 0	6 37 32,062	−16 29 15,03	
	Apr. 10	32,009	15,59	
	Jul. 19	31,951	16,09	
	Oct. 27	31,887	16,53	
	Dec. 66	31,818	16,90	
1828	Jan. 1	6 37 34,486	−16 29 21,29	
	Apr. 10	34,414	21,61	
	Jul. 19	34,338	21,86	
	Oct. 27	34,259	22,03	
	Dec. 66	34,178	22,13	
1829	Jan. 0	6 37 36,849	−16 29 26,62	
	Apr. 10	36,766	26,66	
	Jul. 19	36,682	26,62	
	Oct. 27	36,598	26,50	
	Dec. 66	36,514	26,31	

Tabulae X. Sect. IV. *α Canis majoris.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,427	+ 9,2	− 1,78	−23,8	0	+1	1810	6 36 46,3874	−16 27 52,512
10	+1,494	+ 4,3	− 4,11	−22,3	+1	+1	1811	36 49,0314	27 56,959
20	+1,513	− 0,6	− 6,24	−20,2	+1	+1	1812	36 51,6754	28 1,409
30	+1,483	− 5,3	− 8,15	−17,8	+1	0	1813	36 54,3195	28 5,864
Febr. 9	+1,407	− 9,6	− 9,80	−15,1	+2	0	1814	36 56,9635	28 10,322
							1815	36 59,6075	28 14,784
19	+1,291	−13,3	−11,16	−12,1	+2	0	1816	37 2,2515	28 19,249
Mart. 1	+1,142	−16,2	−12,21	− 8,9	+2	0	1817	37 4,8955	28 23,719
11	+0,968	−18,1	−12,94	− 5,7	+2	−1	1818	37 7,5396	28 28,192
21	+0,780	−19,1	−13,35	− 2,6	+3	−1	1819	37 10,1836	28 32,669
31	+0,587	−19,0	−13,45	+ 0,6	+2	−1	1820	37 12,8276	28 37,150
							1821	37 15,4717	28 41,634
Apr. 10	+0,400	−18,0	−13,23	+ 3,7	+2	−1	1822	37 18,1158	28 46,123
20	+0,227	−16,2	−12,71	+ 6,7	+2	−2	1823	37 20,7599	28 50,615
30	+0,077	−13,6	−11,89	+ 9,5	+2	−2	1824	37 23,4039	28 55,111
Maj. 10	−0,044	−10,4	−10,81	+12,1	+2	−2	1825	37 26,0480	28 59,611
20	−0,130	− 6,8	− 9,47	+14,5	+2	−2	1826	37 28,6921	29 4,115
							1827	37 31,3361	29 8,622
30	−0,179	− 3,0	− 7,91	+16,6	+1	−3	1828	37 33,9802	29 13,133
Jun. 9	−0,189	+ 1,0	− 6,15	+18,3	+1	−3	1829	37 36,6242	29 17,648
19	−0,159	+ 4,9	− 4,25	+19,6	0	−3	1830	37 39,2683	29 22,167
29	−0,091	+ 8,7	− 2,24	+20,4	0	−3			
Jul. 9	+0,014	+12,2	− 0,18	+20,5	0	−3			
19	+0,153	+15,5	+ 1,86	+20,0	−1	−3			
29	+0,323	+18,4	+ 3,82	+18,9	−1	−3			
Aug. 8	+0,521	+21,0	+ 5,63	+17,0	−1	−3			
18	+0,742	+23,2	+ 7,22	+14,6	−2	−3			
28	+0,984	+25,1	+ 8,54	+11,4	−2	−3			
Sept. 7	+1,244	+26,7	+ 9,50	+ 7,7	−2	−3			
17	+1,517	+27,8	+10,08	+ 3,7	−2	−3			
27	+1,800	+28,7	+10,23	− 0,8	−2	−3			
Oct. 7	+2,090	+29,1	+ 9,93	− 5,2	−2	−3			
17	+2,381	+29,0	+ 9,19	− 9,5	−2	−2			
27	+2,670	+28,5	+ 8,03	−13,6	−2	−2			
Nov. 6	+2,950	+27,3	+ 6,48	−17,2	−2	−2			
16	+3,216	+25,6	+ 4,59	−20,2	−2	−2			
26	+3,461	+23,1	+ 2,44	−22,4	−1	−2			
Dec. 6	+3,678	+20,0	+ 0,11	−23,9	−1	−2			
16	+3,861	+16,3	− 2,33	−24,5	−1	−2			
26	+4,004	+12,1	− 4,78	−24,2	0	−2			
36	+4,102	+ 7,4	− 7,16	−23,4	0	−3			

Diei reducto addendum est:

ante / post } Jun. 30 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Geminorum.*

1810	Jan. 0	7h 22′ 27″,512	+32° 17′ 23″,91	1820	Jan. 1	7h 23′ 5″,622	+32° 16′ 29″,57
	Apr. 10	27,392	23,88		Apr. 10	5,739	29,40
	Jul. 19	27,271	23,93		Jul. 19	5,854	29,17
	Oct. 27	27,149	24,06		Oct. 27	5,968	28,87
	Dec. 66	27,027	24,26		Dec. 66	6,079	28,51
1811	Jan. 0	7 22 30,912	+32 17 17,05	1821	Jan. 0	7 23 9,886	+32 16 21,45
	Apr. 10	30,790	17,30		Apr. 10	9,995	21,04
	Jul. 19	30,672	17,62		Jul. 19	10,099	20,58
	Oct. 27	30,557	18,01		Oct. 27	10,198	20,06
	Dec. 66	30,445	18,47		Dec. 66	10,293	19,48
1812	Jan. 1	7 22 34,326	+32 17 11,17	1822	Jan. 0	7 23 14,105	+32 16 12,48
	Apr. 10	34,218	11,67		Apr. 10	14,195	11,87
	Jul. 19	34,116	12,22		Jul. 19	14,277	11,23
	Oct. 27	34,021	12,83		Oct. 27	14,352	10,54
	Dec. 66	33,933	13,49		Dec. 66	14,419	9,81
1813	Jan. 0	7 22 37,807	+32 17 6,12	1823	Jan. 0	7 23 18,241	+32 16 2,86
	Apr. 10	37,724	6,80		Apr. 10	18,301	2,11
	Jul. 19	37,651	7,52		Jul. 19	18,352	1,35
	Oct. 27	37,588	8,27		Oct. 27	18,393	0,57
	Dec. 66	37,534	9,06		Dec. 66	18,425	15 59,77
1814	Jan. 0	7 22 41,395	+32 17 1,64	1824	Jan. 1	7 23 22,259	+32 15 52,83
	Apr. 10	41,348	2,43		Apr. 10	22,283	52,03
	Jul. 19	41,312	3,23		Jul. 19	22,297	51,23
	Oct. 27	41,287	4,03		Oct. 27	22,299	50,44
	Dec. 66	41,272	4,84		Dec. 66	22,291	49,65
1815	Jan. 0	7 22 45,120	+32 16 57,41	1825	Jan. 0	7 23 26,138	+32 15 42,70
	Apr. 10	45,113	58,21		Apr. 10	26,122	41,93
	Jul. 19	45,118	59,00		Jul. 19	26,096	41,19
	Oct. 27	45,133	59,76		Oct. 27	26,059	40,48
	Dec. 66	45,159	17 0,51		Dec. 66	26,011	39,80
1816	Jan. 1	7 22 48,993	+32 16 53,10	1826	Jan. 0	7 23 29,872	+32 15 32,80
	Apr. 10	49,026	53,82		Apr. 10	29,817	32,15
	Jul. 19	49,069	54,50		Jul. 19	29,753	31,56
	Oct. 27	49,122	55,15		Oct. 27	29,679	31,01
	Dec. 66	49,185	55,75		Dec. 66	29,596	30,52
1817	Jan. 0	7 22 53,007	+32 16 48,38	1827	Jan. 0	7 23 33,468	+32 15 23,45
	Apr. 10	53,076	48,94		Apr. 10	33,379	23,00
	Jul. 19	53,152	49,45		Jul. 19	33,284	22,62
	Oct. 27	53,236	49,90		Oct. 27	33,182	22,31
	Dec. 66	53,327	50,29		Dec. 66	33,074	22,06
1818	Jan. 0	7 22 57,139	+32 16 42,99	1828	Jan. 1	7 23 36,954	+32 15 14,91
	Apr. 10	57,235	43,34		Apr. 10	36,842	14,72
	Jul. 19	57,336	43,62		Jul. 19	36,726	14,60
	Oct. 27	57,442	43,83		Oct. 27	36,608	14,56
	Dec. 66	57,552	43,98		Dec. 66	36,486	14,59
1819	Jan. 0	7 23 1,358	+32 16 36,75	1829	Jan. 0	7 23 40,370	+32 15 7,33
	Apr. 10	1,470	36,85		Apr. 10	40,247	7,42
	Jul. 19	1,584	36,87		Jul. 19	40,125	7,58
	Oct. 27	1,700	36,83		Oct. 27	40,004	7,82
	Dec. 66	1,818	36,71		Dec. 66	39,884	8,13

Tabulae X. Sect. IV. *α Geminorum.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				^{h} $'$ $''$	$^\circ$ $'$ $''$
an. 0	+1,579	+18,7	− 3,94	+ 3,4	−1	−3	1810	7 22 27,1896	+32 17 32,691
10	+1,739	+13,2	− 3,51	+ 5,1	−1	−3	1811	22 31,0344	17 25,551
20	+1,843	+ 7,4	− 2,92	+ 6,5	0	−3	1812	22 34,8790	17 18,405
30	+1,887	+ 1,5	− 2,22	+ 7,4	+1	−4	1813	22 38,7235	17 11,254
Febr. 9	+1,873	− 4,1	− 1,44	+ 7,9	+1	−4	1814	22 42,5679	17 4,098
							1815	22 46,4122	16 56,936
19	+1,806	− 9,1	− 0,64	+ 7,9	+2	−4	1816	22 50,2563	16 49,769
März 1	+1,691	−13,4	+ 0,14	+ 7,5	+3	−3	1817	22 54,1003	16 42,597
11	+1,539	−16,6	+ 0,85	+ 6,5	+3	−3	1818	22 57,9442	16 35,420
21	+1,360	−18,7	+ 1,44	+ 5,3	+3	−3	1819	23 1,7880	16 28,238
31	+1,166	−19,5	+ 1,90	+ 3,8	+4	−2	1820	23 5,6317	16 21,050
							1821	23 9,4752	16 13,857
April 10	+0,970	−19,2	+ 2,19	+ 2,1	+4	−2	1822	23 13,3186	16 6,659
20	+0,782	−17,8	+ 2,32	+ 0,4	+4	−2	1823	23 17,1619	15 59,455
30	+0,614	−15,5	+ 2,27	− 1,2	+4	−1	1824	23 21,0050	15 52,246
Mai 10	+0,474	−12,3	+ 2,08	− 2,7	+3	−1	1825	23 24,8480	15 45,031
20	+0,368	− 8,7	+ 1,74	− 4,0	+3	−1	1826	23 28,6909	15 37,812
							1827	23 32,5337	15 30,587
30	+0,301	− 4,6	+ 1,28	− 5,1	+3	0	1828	23 36,3763	15 23,357
Juni 9	+0,277	− 0,3	+ 0,73	− 5,9	+2	0	1829	23 40,2188	15 16,122
19	+0,295	+ 4,0	+ 0,11	− 6,5	+1	0	1830	23 44,0612	15 8,881
29	+0,356	+ 8,2	− 0,57	− 7,0	+1	0			
Juli 9	+0,458	+12,1	− 1,28	− 7,2	0	0			
19	+0,598	+15,8	− 2,01	− 7,4	−1	0			
29	+0,773	+19,1	− 2,75	− 7,5	−1	0			
Aug. 8	+0,980	+22,2	− 3,50	− 7,6	−2	0			
18	+1,216	+24,9	− 4,27	− 7,7	−3	−1			
28	+1,477	+27,3	− 5,04	− 7,8	−3	−1			
Sept. 7	+1,761	+29,5	− 5,82	− 7,8	−4	−1			
17	+2,066	+31,3	− 6,60	− 7,9	−4	−2			
27	+2,387	+32,9	− 7,39	− 7,8	−5	−2			
Okt. 7	+2,723	+34,2	− 8,16	− 7,7	−5	−3			
17	+3,070	+35,0	− 8,92	− 7,3	−5	−4			
27	+3,423	+35,4	− 9,62	− 6,7	−5	−4			
Nov. 6	+3,777	+35,1	−10,25	− 5,8	−5	−5			
16	+4,125	+34,2	−10,77	− 4,6	−5	−6			
26	+4,460	+32,4	−11,17	− 3,2	−5	−6			
Dec. 6	+4,773	+29,7	−11,40	− 1,4	−4	−7			
16	+5,054	+26,1	−11,45	+ 0,5	−4	−7			
26	+5,295	+21,8	−11,31	+ 2,3	−3	−8			
36	+5,489	+16,7	−10,99	+ 4,1	−2	−8			

Diei reducto addendum est:

ante } Jul. 11 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Canis minoris.*

1810	Jan. 0	$7^h\ 29'\ 21''{,}312$	$+\ 5°\ 41'\ 58''{,}73$	1820	Jan. 1	$7^h\ 29'\ 52''{,}342$	$+\ 5°\ 40'\ 48''{,}7$
	Apr. 10	21,215	58,72		Apr. 10	52,438	48,5
	Jul. 19	21,117	58,79		Jul. 19	52,534	48,3
	Oct. 27	21,017	58,94		Oct. 27	52,628	48,0
	Dec. 66	20,916	59,16		Dec. 66	52,722	47,6
1811	Jan. 0	7 29 24,097	+ 5 41 50,38	1821	Jan. 0	7 29 55,838	+ 5 40 39,0
	Apr. 10	23,996	50,65		Apr. 10	55,931	38,6
	Jul. 19	23,897	50,99		Jul. 19	56,020	38,1
	Oct. 27	23,800	51,39		Oct. 27	56,106	37,6
	Dec. 66	23,705	51,87		Dec. 66	56,188	37,0
1812	Jan. 1	7 29 26,884	+ 5 41 43,00	1822	Jan. 0	7 29 59,308	+ 5 40 28,4
	Apr. 10	26,791	43,51		Apr. 10	59,387	27,8
	Jul. 19	26,703	44,08		Jul. 19	59,460	27,2
	Oct. 27	26,620	44,70		Oct. 27	59,527	26,5
	Dec. 66	26,542	45,37		Dec. 66	59,589	25,7
1813	Jan. 0	7 29 29,715	+ 5 41 36,43	1823	Jan. 0	7 30 2,716	+ 5 40 17,2
	Apr. 10	29,641	37,13		Apr. 10	2,773	16,5
	Jul. 19	29,575	37,86		Jul. 19	2,822	15,7
	Oct. 27	29,516	38,61		Oct. 27	2,863	15,0
	Dec. 66	29,465	39,39		Dec. 66	2,897	14,2
1814	Jan. 0	7 29 32,629	+ 5 41 30,42	1824	Jan. 1	7 30 6,034	+ 5 40 5,7
	Apr. 10	32,583	31,21		Apr. 10	6,061	4,9
	Jul. 19	32,545	32,01		Jul. 19	6,080	4,1
	Oct. 27	32,517	32,81		Oct. 27	6,090	3,3
	Dec. 66	32,497	33,61		Dec. 66	6,092	2,5
1815	Jan. 0	7 29 35,650	+ 5 41 24,63	1825	Jan. 0	7 30 9,240	+ 5 39 54,0
	Apr. 10	35,636	25,43		Apr. 10	9,235	53,3
	Jul. 19	35,632	26,21		Jul. 19	9,221	52,5
	Oct. 27	35,636	26,96		Oct. 27	9,198	51,8
	Dec. 66	35,650	27,70		Dec. 66	9,167	51,2
1816	Jan. 1	7 29 38,792	+ 5 41 18,73	1826	Jan. 0	7 30 12,325	+ 5 39 42,6
	Apr. 10	38,811	19,45		Apr. 10	12,288	42,0
	Jul. 19	38,839	20,12		Jul. 19	12,242	41,4
	Oct. 27	38,875	20,75		Oct. 27	12,188	40,9
	Dec. 66	38,920	21,33		Dec. 66	12,126	40,4
1817	Jan. 0	7 29 42,051	+ 5 41 12,42	1827	Jan. 0	7 30 15,294	+ 5 39 31,8
	Apr. 10	42,101	12,98		Apr. 10	15,227	31,4
	Jul. 19	42,158	13,46		Jul. 19	15,154	31,0
	Oct. 27	42,221	13,87		Oct. 27	15,075	30,7
	Dec. 66	42,291	14,20		Dec. 66	14,990	30,5
1818	Jan. 0	7 29 45,414	+ 5 41 5,36	1828	Jan. 1	7 30 18,166	+ 5 39 21,8
	Apr. 10	45,488	5,73		Apr. 10	18,077	21,6
	Jul. 19	45,567	6,01		Jul. 19	17,985	21,5
	Oct. 27	45,650	6,21		Oct. 27	17,890	21,5
	Dec. 66	45,738	6,33		Dec. 66	17,791	21,5
1819	Jan. 0	7 29 48,855	+ 5 40 57,56	1829	Jan. 0	7 30 20,971	+ 5 39 12,7
	Apr. 10	48,945	57,64		Apr. 10	20,871	12,8
	Jul. 19	49,037	57,65		Jul. 19	20,771	13,0
	Oct. 27	49,131	57,58		Oct. 27	20,671	13,3
	Dec. 66	49,227	57,44		Dec. 66	20,571	13,6

Tabulae X. Sect. IV. α *Canis minoris.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
ın. 0	+1,338	+16,0	− 2,36	−13,3	−1	0	1810	7 29 20,9624	+ 5 42 7,480
10	+1,476	+11,4	− 3,62	−11,8	0	0	1811	29 24,1100	41 58,783
20	+1,565	+ 6,4	− 4,72	−10,2	0	−1	1812	29 27,2576	41 50,082
30	+1,604	+ 1,4	− 5,65	− 8,4	+1	−1	1813	29 30,4051	41 41,377
ebr. 9	+1,593	− 3,4	− 6,39	− 6,5	+1	−1	1814	29 33,5526	41 32,667
							1815	29 36,7000	41 23,953
19	+1,536	− 7,7	− 6,95	− 4,8	+2	−1	1816	29 39,8474	41 15,235
ırt. 1	+1,440	−11,3	− 7,35	− 3,2	+2	−2	1817	29 42,9948	41 6,513
11	+1,311	−14,1	− 7,59	− 1,7	+2	−2	1818	29 46,1421	40 57,787
21	+1,159	−15,9	− 7,69	− 0,4	+3	−2	1819	29 49,2894	40 49,056
31	+0,994	−16,6	− 7,66	+ 0,8	+3	−2	1820	29 52,4366	40 40,320
							1821	29 55,5838	40 31,581
r. 10	+0,827	−16,4	− 7,53	+ 1,9	+3	−2	1822	29 58,7309	40 22,838
20	+0,666	−15,3	− 7,29	+ 2,9	+3	−2	1823	30 1,8780	40 14,091
30	+0,521	−13,4	− 6,96	+ 3,7	+3	−2	1824	30 5,0250	40 5,339
j. 10	+0,398	−10,9	− 6,55	+ 4,6	+2	−2	1825	30 8,1720	39 56,583
20	+0,303	− 7,9	− 6,04	+ 5,4	+2	−2	1826	30 11,3189	39 47,823
							1827	30 14,4658	39 39,059
30	+0,240	− 4,6	− 5,48	+ 6,1	+2	−2	1828	30 17,6127	39 30,291
J. 9	+0,212	− 1,1	− 4,82	+ 6,8	+1	−2	1829	30 20,7595	39 21,518
19	+0,219	+ 2,5	− 4,12	+ 7,3	+1	−2	1830	30 23,9063	39 12,741
29	+0,261	+ 5,9	− 3,36	+ 7,7	+1	−2			
J. 9	+0,336	+ 9,2	− 2,59	+ 7,7	0	−2			
19	+0,444	+12,3	− 1,83	+ 7,4	0	−2			
29	+0,581	+15,1	− 1,11	+ 6,9	−1	−2			
A. 8	+0,745	+17,7	− 0,45	+ 6,0	−1	−2			
18	+0,935	+20,1	+ 0,08	+ 4,6	−2	−2			
28	+1,147	+22,3	+ 0,47	+ 3,0	−2	−2			
Se. 7	+1,380	+24,3	+ 0,67	+ 0,9	−2	−2			
17	+1,632	+26,0	+ 0,65	− 1,4	−3	−2			
27	+1,900	+27,5	+ 0,40	− 3,8	−3	−2			
Oc 7	+2,182	+28,7	− 0,10	− 6,3	−3	−2			
17	+2,474	+29,6	− 0,85	− 8,7	−3	−3			
27	+2,774	+30,1	− 1,83	−10,8	−3	−3			
No 6	+3,075	+29,9	− 3,00	−12,6	−3	−3			
16	+3,372	+28,9	− 4,34	−14,0	−3	−3			
26	+3,659	+27,8	− 5,79	−14,8	−3	−3			
De 6	+3,927	+25,5	− 7,30	−15,1	−2	−4			
16	+4,169	+22,5	− 8,80	−14,8	−2	−4			
26	+4,377	+18,7	−10,25	−14,0	−2	−4			
36	+4,542	+14,3	−11,59	−12,8	−1	−5			

Diei reducto addendum est:

ante } Jul. 12 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Geminorum.*

1810	Jan. 0	7h 33′ 40″,667	+28° 28′ 17″,43	1820	Jan. 1	7h 34′ 17″,209	+28° 27′ 13″,93
	Apr. 10	40,551	17,44		Apr. 10	17,322	13,74
	Jul. 19	40,434	17,52		Jul. 19	17,434	13,48
	Oct. 27	40,316	17,67		Oct. 27	17,543	13,16
	Dec. 66	40,197	17,90		Dec. 66	17,651	12,77
1811	Jan. 0	7 33 43,924	+28 28 9,77	1821	Jan. 0	7 34 21,301	+28 27 4,82
	Apr. 10	43,806	10,05		Apr. 10	21,406	4,39
	Jul. 19	43,691	10,40		Jul. 19	21,507	3,90
	Oct. 27	43,580	10,82		Oct. 27	21,603	3,36
	Dec. 66	43,472	11,31		Dec. 66	21,695	2,77
1812	Jan. 1	7 33 47,194	+28 28 3,10	1822	Jan. 0	7 34 25,350	+28 26 54,88
	Apr. 10	47,089	3,62		Apr. 10	25,437	54,26
	Jul. 19	46,991	4,19		Jul. 19	25,517	53,60
	Oct. 27	46,899	4,81		Oct. 27	25,589	52,90
	Dec. 66	46,814	5,49		Dec. 66	25,654	52,17
1813	Jan. 0	7 33 50,528	+28 27 57,21	1823	Jan. 0	7 34 29,318	+28 26 44,32
	Apr. 10	50,448	57,91		Apr. 10	29,377	43,57
	Jul. 19	50,378	58,64		Jul. 19	29,427	42,81
	Oct. 27	50,317	59,39		Oct. 27	29,467	42,03
	Dec. 66	50,264	28 0,17		Dec. 66	29,497	41,23
1814	Jan. 0	7 33 53,967	+28 27 51,86	1824	Jan. 1	7 34 33,173	+28 26 33,40
	Apr. 10	53,922	52,65		Apr. 10	33,197	32,60
	Jul. 19	53,887	53,45		Jul. 19	33,210	31,81
	Oct. 27	53,862	54,24		Oct. 27	33,212	31,03
	Dec. 66	53,848	55,04		Dec. 66	33,204	30,26
1815	Jan. 0	7 33 57,538	+28 27 46,72	1825	Jan. 0	7 34 36,893	+28 26 22,41
	Apr. 10	57,532	47,51		Apr. 10	36,878	21,65
	Jul. 19	57,536	48,28		Jul. 19	36,853	20,93
	Oct. 27	57,550	49,03		Oct. 27	36,817	20,24
	Dec. 66	57,575	49,76		Dec. 66	36,771	19,59
1816	Jan. 1	7 34 1,252	+28 27 41,45	1826	Jan. 0	7 34 40,472	+28 26 11,69
	Apr. 10	1,284	42,16		Apr. 10	40,420	11,06
	Jul. 19	1,326	42,82		Jul. 19	40,358	10,49
	Oct. 27	1,377	43,44		Oct. 27	40,287	9,98
	Dec. 66	1,438	44,01		Dec. 66	40,206	9,52
1817	Jan. 0	7 34 5,102	+28 27 35,76	1827	Jan. 0	7 34 43,919	+28 26 1,54
	Apr. 10	5,169	36,29		Apr. 10	43,833	1,12
	Jul. 19	5,243	36,77		Jul. 19	43,741	0,77
	Oct. 27	5,324	37,21		Oct. 27	43,643	0,49
	Dec. 66	5,412	37,59		Dec. 66	43,538	0,28
1818	Jan. 0	7 34 9,068	+28 27 29,40	1828	Jan. 1	7 34 47,258	+28 25 52,22
	Apr. 10	9,161	29,70		Apr. 10	47,150	52,06
	Jul. 19	9,259	29,93		Jul. 19	47,038	51,97
	Oct. 27	9,361	30,11		Oct. 27	46,924	51,96
	Dec. 66	9,467	30,23		Dec. 66	46,806	52,03
1819	Jan. 0	7 34 13,117	+28 27 22,12	1829	Jan. 0	7 34 50,530	+28 25 43,87
	Apr. 10	13,226	22,19		Apr. 10	50,412	43,99
	Jul. 19	13,336	22,18		Jul. 19	50,294	44,18
	Oct. 27	13,448	22,09		Oct. 27	50,177	44,44
	Dec. 66	13,561	21,96		Dec. 66	50,060	44,78

Tabulae X. Sect. IV. *β Geminorum.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
an. 0	+1,501	+19,2	— 4,20	+ 0,6	—1	—2	1810	7 33 40,3554	+28 28 26,161
10	+1,668	+14,0	— 4,04	+ 2,4	—1	—3	1811	33 44,0422	28 18,121
20	+1,780	+ 8,3	— 3,72	+ 4,0	0	—3	1812	33 47,7289	28 10,076
30	+1,834	+ 2,6	— 3,25	+ 5,2	+1	—3	1813	33 51,4155	28 2,026
ebr. 9	+1,832	— 2,8	— 2,68	+ 6,1	+1	—3	1814	33 55,1020	27 53,971
							1815	33 58,7883	27 45,911
19	+1,778	— 7,8	— 2,04	+ 6,5	+2	—3	1816	34 2,4745	27 37,846
art. 1	+1,676	—12,1	— 1,39	+ 6,4	+2	—3	1817	34 6,1606	27 29,777
11	+1,537	—15,3	— 0,76	+ 6,0	+3	—3	1818	34 9,8466	27 21,703
21	+1,370	—17,5	— 0,20	+ 5,2	+3	—3	1819	34 13,5325	27 13,624
31	+1,187	—18,5	+ 0,27	+ 4,1	+3	—2	1820	34 17,2182	27 5,540
							1821	34 20,9038	26 57,451
r. 10	+1,000	—18,4	+ 0,61	+ 2,8	+4	—2	1822	34 24,5893	26 49,357
20	+0,819	—17,3	+ 0,82	+ 1,5	+4	—2	1823	34 28,2747	26 41,258
30	+0,655	—15,2	+ 0,90	+ 0,2	+3	—1	1824	34 31,9599	26 33,154
j. 10	+0,515	—12,4	+ 0,85	— 1,0	+3	—1	1825	34 35,6450	26 25,045
20	+0,407	— 9,0	+ 0,70	— 2,2	+3	—1	1826	34 39,3300	26 16,931
							1827	34 43,0149	26 8,812
30	+0,335	— 5,2	+ 0,42	— 3,2	+2	—1	1828	34 46,6997	26 0,689
J. 9	+0,303	— 1,2	+ 0,07	— 3,9	+2	0	1829	34 50,3843	25 52,561
19	+0,311	+ 2,8	— 0,35	— 4,5	+1	0	1830	34 54,0688	25 44,428
29	+0,358	+ 6,7	— 0,82	— 4,9	+1	0			
J 9	+0,445	+10,5	— 1,32	— 5,3	0	0			
19	+0,567	+14,0	— 1,87	— 5,6	0	0			
29	+0,724	+17,3	— 2,44	— 5,9	—1	0			
A. 8	+0,912	+20,2	— 3,04	— 6,2	—2	0			
18	+1,127	+22,9	— 3,68	— 6,6	—2	—1			
28	+1,369	+25,3	— 4,35	— 7,0	—3	—1			
S. 7	+1,633	+27,5	— 5,07	— 7,4	—3	—1			
17	+1,919	+29,5	— 5,83	— 7,8	—4	—2			
27	+2,222	+31,1	— 6,63	— 8,1	—4	—2			
O 7	+2,541	+32,6	— 7,45	— 8,4	—5	—3			
17	+2,873	+33,6	— 8,30	— 8,5	—5	—3			
27	+3,213	+34,2	— 9,14	— 8,2	—5	—4			
N. 6	+3,556	+34,2	— 9,94	— 7,7	—5	—4			
16	+3,896	+33,5	—10,68	— 6,9	—5	—5			
26	+4,225	+31,9	—11,31	— 5,6	—4	—5			
De 6	+4,534	+29,5	—11,80	— 4,2	—4	—6			
16	+4,814	+26,2	—12,14	— 2,5	—4	—7			
26	+5,058	+22,1	—12,29	— 0,6	—3	—7			
36	+5,256	+17,3	—12,25	+ 1,4	—2	—7			

Diei reducto addendum est:

ante } Jul. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Hydrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	9 18 15,344	— 7 50 36,37	1820	Jan. 1	9 18 44,247	— 7 52 55,41
	Apr. 10	15,256	36,08		Apr. 10	44,335	55,88
	Jul. 19	15,167	35,73		Jul. 19	44,424	56,30
	Oct. 27	15,076	35,32		Oct. 27	44,512	56,81
	Dec. 66	14,983	34,85		Dec. 66	44,600	57,37
1811	Jan. 0	9 18 17,962	— 7 50 50,26	1821	Jan. 0	9 18 47,519	— 7 53 12,46
	Apr. 10	17,868	49,76		Apr. 10	47,606	13,04
	Jul. 19	17,775	49,21		Jul. 19	47,691	13,65
	Oct. 27	17,683	48,62		Oct. 27	47,773	14,29
	Dec. 66	17,593	47,99		Dec. 66	47,853	14,90
1812	Jan. 1	9 18 20,571	— 7 51 3,46	1822	Jan. 0	9 18 50,774	— 7 53 30,01
	Apr. 10	20,482	2,81		Apr. 10	50,851	30,69
	Jul. 19	20,397	2,14		Jul. 19	50,924	31,38
	Oct. 27	20,317	1,45		Oct. 27	50,991	32,03
	Dec. 66	20,240	0,73		Dec. 66	51,054	32,78
1813	Jan. 0	9 18 23,213	— 7 51 16,22	1823	Jan. 0	9 18 53,981	— 7 53 47,83
	Apr. 10	23,139	15,50		Apr. 10	54,040	48,53
	Jul. 19	23,072	14,78		Jul. 19	54,092	49,22
	Oct. 27	23,012	14,06		Oct. 27	54,137	49,90
	Dec. 66	22,958	13,35		Dec. 66	54,175	50,57
1814	Jan. 0	9 18 25,923	— 7 51 28,84	1824	Jan. 1	9 18 57,110	— 7 54 5,63
	Apr. 10	25,873	28,14		Apr. 10	57,144	6,29
	Jul. 19	25,832	27,46		Jul. 19	57,169	6,91
	Oct. 27	25,798	26,80		Oct. 27	57,186	7,49
	Dec. 66	25,772	26,17		Dec. 66	57,195	8,04
1815	Jan. 0	9 18 28,727	— 7 51 41,64	1825	Jan. 0	9 19 0,140	— 7 54 23,15
	Apr. 10	28,707	41,03		Apr. 10	0,144	23,67
	Jul. 19	28,695	40,46		Jul. 19	0,139	24,15
	Oct. 27	28,691	39,94		Oct. 27	0,125	25,57
	Dec. 66	28,696	39,46		Dec. 66	0,103	25,94
1816	Jan. 1	9 18 31,641	— 7 51 54,88	1826	Jan. 0	9 19 3,059	— 7 54 40,11
	Apr. 10	31,652	54,44		Apr. 10	3,032	40,45
	Jul. 19	31,670	54,05		Jul. 19	2,996	40,72
	Oct. 27	31,697	53,72		Oct. 27	2,953	40,98
	Dec. 66	31,731	53,44		Dec. 66	2,902	41,07
1817	Jan. 0	9 18 34,666	— 7 52 8,79	1827	Jan. 0	9 19 5,867	— 7 54 56,32
	Apr. 10	34,705	8,55		Apr. 10	5,811	56,42
	Jul. 19	34,751	8,38		Jul. 19	5,749	56,45
	Oct. 27	34,804	8,27		Oct. 27	5,781	56,41
	Dec. 66	34,864	8,22		Dec. 66	5,606	56,31
1818	Jan. 0	9 18 37,790	— 7 52 23,49	1828	Jan. 1	9 19 8,579	— 7 55 11,64
	Apr. 10	37,854	23,48		Apr. 10	8,501	11,49
	Jul. 19	37,922	23,54		Jul. 19	8,419	11,28
	Oct. 27	37,995	23,66		Oct. 27	8,334	11,00
	Dec. 66	38,072	23,84		Dec. 66	8,245	10,66
1819	Jan. 0	9 18 40,993	— 7 52 39,04	1829	Jan. 0	9 19 11,222	— 7 55 26,08
	Apr. 10	41,073	39,27		Apr. 10	11,131	25,70
	Jul. 19	41,156	39,55		Jul. 19	11,039	25,26
	Oct. 27	41,241	39,88		Oct. 27	10,947	24,77
	Dec. 66	41,329	40,27		Dec. 66	10,854	24,23

Tabulae X. Sect. IV. *α Hydrae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
n. 0	+1,055	+24,6	+ 0,01	—22,5	—2	+2	1810	9 18 14,9415	— 7 50 29,086
10	+1,283	+20,7	— 2,22	—21,7	—1	+1	1811	18 17,8891	50 44,333
20	+1,468	+16,1	— 4,33	—20,3	—1	+1	1812	18 20,8367	50 59,583
30	+1,605	+11,2	— 6,28	—18,5	0	+1	1813	18 23,7843	51 14,835
br. 9	+1,692	+ 6,3	— 8,03	—16,3	0	0	1814	18 26,7319	51 30,091
							1815	18 29,6794	51 45,349
19	+1,730	+ 1,5	— 9,54	—13,9	+1	0	1816	18 32,6269	52 0,609
rt. 1	+1,722	— 2,9	—10,81	—11,4	+1	0	1817	18 35,5744	52 15,873
11	+1,672	— 6,8	—11,82	— 8,9	+1	—1	1818	18 38,5219	52 31,139
21	+1,587	— 9,8	—12,58	— 6,5	+2	—1	1819	18 41,4694	52 46,408
31	+1,476	—12,0	—13,11	— 4,1	+2	—1	1820	18 44,4169	53 1,680
							1821	18 47,3643	53 16,954
r. 10	+1,347	—13,5	—13,39	— 1,8	+2	—2	1822	18 50,3117	53 32,231
20	+1,207	—14,1	—13,46	+ 0,4	+3	—2	1823	18 53,2591	53 47,511
30	+1,065	—14,0	—13,32	+ 2,4	+3	—2	1824	18 56,2065	54 2,794
j. 10	+0,928	—13,2	—12,99	+ 4,3	+3	—2	1825	18 59,1540	54 18,079
20	+0,801	—11,9	—12,47	+ 6,0	+3	—2	1826	19 2,1012	54 33,367
							1827	19 5,0488	54 48,658
30	+0,690	—10,2	—11,79	+ 7,6	+3	—2	1828	19 7,9961	55 3,951
. 9	+0,598	— 8,1	—10,96	+ 9,0	+2	—3	1829	19 10,9434	55 19,247
19	+0,528	— 5,9	—10,00	+10,1	+2	—3	1830	19 13,8907	55 34,546
29	+0,481	— 3,5	— 8,94	+11,1	+2	—3			
9	+0,459	— 1,0	— 7,79	+11,7	+1	—3			
19	+0,462	+ 1,7	— 6,61	+11,8	+1	—3			
29	+0,492	+ 4,3	— 5,43	+11,6	+1	—3			
. 8	+0,548	+ 7,0	— 4,29	+10,9	0	—2			
18	+0,632	+ 9,8	— 3,25	+ 9,7	0	—2			
28	+0,744	+12,6	— 2,35	+ 8,0	—1	—2			
e. 7	+0,884	+15,5	— 1,66	+ 5,6	—1	—2			
17	+1,054	+18,5	— 1,23	+ 2,9	—2	—2			
27	+1,253	+21,3	— 1,09	— 0,3	—2	—2			
c. 7	+1,480	+24,1	— 1,28	— 3,7	—2	—1			
17	+1,734	+26,7	— 1,82	— 7,2	—3	—1			
27	+2,013	+28,9	— 2,72	—10,7	—3	—1			
No 6	+2,311	+30,5	— 3,96	—14,0	—3	—1			
16	+2,623	+31,5	— 5,52	—17,0	—3	—1			
26	+2,941	+31,7	— 7,35	—19,4	—3	—1			
Dec 6	+3,256	+31,0	— 9,40	—21,2	—3	—1			
16	+3,560	+29,3	—11,59	—22,3	—3	—1			
26	+3,842	+26,7	—13,85	—22,6	—2	—1			
6	+4,093	+23,2	—16,11	—22,3	—2	—1			

Diei reducto addendum est:

ante } Aug. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Leonis.*

1810	Jan. 0	9h 58′ 14″,729	+12° 53′ 20″,25
	Apr. 10	14,628	20,64
	Jul. 19	14,527	21,08
	Oct. 27	14,425	21,57
	Dec. 66	14,323	22,10
1811	Jan. 0	9 58 17,563	+12 53 4,63
	Apr. 10	17,462	5,19
	Jul. 19	17,363	5,79
	Oct. 27	17,267	6,41
	Dec. 66	17,174	7,06
1812	Jan. 1	9 58 20,411	+12 52 49,55
	Apr. 10	20,320	50,22
	Jul. 19	20,235	50,89
	Oct. 27	20,157	51,57
	Dec. 66	20,084	52,26
1813	Jan. 0	9 58 23,313	+12 52 34,74
	Apr. 10	23,245	35,43
	Jul. 19	23,184	36,10
	Oct. 27	23,132	36,76
	Dec. 66	23,087	37,41
1814	Jan. 0	9 58 26,307	+12 52 19,90
	Apr. 10	26,269	20,53
	Jul. 19	26,239	21,13
	Oct. 27	26,219	21,69
	Dec. 66	26,207	22,22
1815	Jan. 0	9 58 29,416	+12 52 4,75
	Apr. 10	29,411	5,25
	Jul. 19	29,415	5,70
	Oct. 27	29,428	6,11
	Dec. 66	29,451	6,46
1816	Jan. 1	9 58 32,648	+12 51 49,05
	Apr. 10	32,677	49,37
	Jul. 19	32,713	49,63
	Oct. 27	32,758	49,83
	Dec. 66	32,811	49,98
1817	Jan. 0	9 58 35,998	+12 51 32,63
	Apr. 10	36,056	32,74
	Jul. 19	36,120	32,78
	Oct. 27	36,191	32,76
	Dec. 66	36,268	32,68
1818	Jan. 0	9 58 39,447	+12 51 15,41
	Apr. 10	39,528	15,29
	Jul. 19	39,612	15,12
	Oct. 27	39,701	14,89
	Dec. 66	39,793	14,60
1819	Jan. 0	9 58 42,967	+12 50 57,40
	Apr. 10	43,061	57,07
	Jul. 19	43,157	56,70
	Oct. 27	43,253	56,28
	Dec. 66	43,351	55,82
1820	Jan. 1	9h 58′ 46″,524	+12° 50′ 38″,67
	Apr. 10	46,622	38,18
	Jul. 19	46,718	37,6[illegible]
	Oct. 27	46,813	37,0[illegible]
	Dec. 66	46,906	36,4[illegible]
1821	Jan. 0	9 58 50,080	+12 50 19,3[illegible]
	Apr. 10	50,171	18,7[illegible]
	Jul. 19	50,258	18,1[illegible]
	Oct. 27	50,341	17,5[illegible]
	Dec. 66	50,419	16,8[illegible]
1822	Jan. 0	9 58 53,599	+12 49 59,7[illegible]
	Apr. 10	53,674	59,0[illegible]
	Jul. 19	53,742	58,4[illegible]
	Oct. 27	53,804	57,7[illegible]
	Dec. 66	53,860	57,1[illegible]
1823	Jan. 0	9 58 57,047	+12 49 40,0[illegible]
	Apr. 10	57,097	39,3[illegible]
	Jul. 19	57,140	38,7[illegible]
	Oct. 27	57,174	38,1[illegible]
	Dec. 66	57,199	37,5[illegible]
1824	Jan. 1	9 59 0,397	+12 49 20,4[illegible]
	Apr. 10	0,417	19,8[illegible]
	Jul. 19	0,428	19,3[illegible]
	Oct. 27	0,429	18,8[illegible]
	Dec. 66	0,422	18,4[illegible]
1825	Jan. 0	9 59 3,630	+12 49 1,2[illegible]
	Apr. 10	3,617	0,8[illegible]
	Jul. 19	3,594	0,5[illegible]
	Oct. 27	3,563	0,2[illegible]
	Dec. 66	3,522	48 59,9[illegible]
1826	Jan. 0	9 59 6,742	+12 48 42,7[illegible]
	Apr. 10	6,696	42,5[illegible]
	Jul. 19	6,641	42,3[illegible]
	Oct. 27	6,579	42,3[illegible]
	Dec. 66	6,510	42,2[illegible]
1827	Jan. 0	9 59 9,739	+12 48 24,9[illegible]
	Apr. 10	9,665	24,9[illegible]
	Jul. 19	9,585	25,0[illegible]
	Oct. 27	9,499	25,2[illegible]
	Dec. 66	9,408	25,4[illegible]
1828	Jan. 1	9 59 12,644	+12 48 8,0[illegible]
	Apr. 10	12,550	8,3[illegible]
	Jul. 19	12,453	8,6[illegible]
	Oct. 27	12,354	9,0[illegible]
	Dec. 66	12,252	9,4[illegible]
1829	Jan. 0	9 59 15,491	+12 47 51,9[illegible]
	Apr. 10	15,389	52,4[illegible]
	Jul. 19	15,287	52,9[illegible]
	Oct. 27	15,186	53,5[illegible]
	Dec. 66	15,086	54,0[illegible]

Tabulae X. Sect. IV. *α Leonis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
an. 0	+0,891	+28,8	− 5,21	−14,9	−3	+1	1810	9 58 14,4663	+12 53 26,563
10	+1,162	+25,3	− 6,59	−12,6	−2	0	1811	58 17,6727	53 9,275
20	+1,396	+21,1	− 7,72	−10,1	−2	0	1812	58 20,8790	52 51,985
30	+1,584	+16,4	− 8,60	− 7,4	−2	−1	1813	58 24,0852	52 34,693
'ebr. 9	+1,723	+11,4	− 9,20	− 4,7	−1	−1	1814	58 27,2913	52 17,398
							1815	58 30,4974	52 0,100
19	+1,811	+ 6,4	− 9,54	− 2,2	0	−1	1816	58 33,7033	51 42,801
Iart. 1	+1,851	+ 1,7	− 9,63	+ 0,1	0	−2	1817	58 36,9091	51 25,499
11	+1,845	− 2,6	− 9,52	+ 2,0	+1	−2	1818	58 40,1148	51 8,195
21	+1,799	− 6,2	− 9,23	+ 3,5	+1	−2	1819	58 43,3204	50 50,889
31	+1,721	− 9,1	− 8,82	+ 4,6	+2	−2	1820	58 46,5260	50 33,580
							1821	58 49,7314	50 16,269
or. 10	+1,618	−11,2	− 8,31	+ 5,6	+2	−3	1822	58 52,9367	49 58,956
20	+1,498	−12,4	− 7,74	+ 5,8	+2	−3	1823	58 56,1419	49 41,640
30	+1,371	−12,8	− 7,16	+ 5,8	+3	−3	1824	58 59,3470	49 24,322
aj. 10	+1,242	−12,7	− 6,58	+ 5,7	+3	−2	1825	59 2,5520	49 7,001
20	+1,118	−11,9	− 6,02	+ 5,4	+3	−2	1826	59 5,7569	48 49,678
							1827	59 8,9617	48 32,353
30	+1,005	−10,6	− 5,51	+ 4,8	+3	−2	1828	59 12,1664	48 15,026
n. 9	+0,906	− 9,0	− 5,06	+ 4,2	+3	−2	1829	59 15,3710	47 57,696
19	+0,825	− 7,2	− 4,67	+ 3,6	+2	−2	1830	59 18,5754	47 40,365
29	+0,763	− 5,2	− 4,35	+ 2,8	+2	−2			
. 9	+0,722	− 3,0	− 4,11	+ 1,9	+2	−1			
19	+0,704	− 0,7	− 3,97	+ 0,9	+1	−1			
29	+0,709	+ 1,8	− 3,93	− 0,2	+1	−1			
g. 8	+0,739	+ 4,3	− 4,01	− 1,5	0	−1			
18	+0,795	+ 7,0	− 4,23	− 3,0	0	−1			
28	+0,878	+ 9,7	− 4,61	− 4,7	−1	0			
t. 7	+0,988	+12,6	− 5,16	− 6,5	−1	0			
17	+1,129	+15,7	− 5,90	− 8,4	−2	0			
27	+1,301	+18,8	− 6,84	−10,5	−2	0			
. 7	+1,505	+21,9	− 7,99	−12,5	−3	0			
17	+1,739	+25,0	− 9,34	−14,4	−3	0			
27	+2,004	+27,8	−10,87	−16,1	−4	0			
. 6	+2,294	+30,1	−12,55	−17,4	−4	0			
16	+2,606	+32,0	−14,34	−18,3	−4	0			
26	+2,933	+33,0	−16,20	−18,6	−4	0			
. 6	+3,266	+33,1	−18,06	−18,4	−4	−1			
16	+3,595	+32,3	−19,87	−17,5	−4	−1			
26	+3,911	+30,4	−21,55	−16,0	−4	−1			
36	+4,202	+27,6	−23,06	−14,0	−4	−2			

Diei reducto addendum est:

ante / post } Aug. 20 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. β *Leonis*.

		^{h} $'$ $''$,770	$^\circ$ $'$ $''$,78			^{h} $'$ $''$,292	$^\circ$ $'$ $''$,54
1810	Jan. 0	11 39 21,770	+15 37 57,78	1820	Jan. 1	11 39 52,292	+15 34 41,54
	Apr. 10	21,672	58,36		Apr. 10	52,387	40,95
	Jul. 19	21,573	58,95		Jul. 19	52,479	40,35
	Oct. 27	21,475	59,56		Oct. 27	52,570	39,75
	Dec. 66	21,376	38 0,19		Dec. 66	52,658	39,15
1811	Jan. 0	11 39 24,477	+15 37 39,90	1821	Jan. 0	11 39 55,696	+15 34 19,26
	Apr. 10	24,379	40,54		Apr. 10	55,783	18,66
	Jul. 19	24,285	41,17		Jul. 19	55,865	18,08
	Oct. 27	24,193	41,79		Oct. 27	55,942	17,51
	Dec. 66	24,105	42,41		Dec. 66	56,015	16,95
1812	Jan. 1	11 39 27,202	+15 37 22,13	1822	Jan. 0	11 39 59,058	+15 33 57,05
	Apr. 10	27,117	22,74		Apr. 10	59,128	56,51
	Jul. 19	27,038	23,33		Jul. 19	59,191	56,00
	Oct. 27	26,964	23,89		Oct. 27	59,247	55,52
	Dec. 66	26,897	24,43		Dec. 66	59,297	55,08
1813	Jan. 0	11 39 29,986	+15 37 4,18	1823	Jan. 0	11 40 2,348	+15 33 35,14
	Apr. 10	29,924	4,69		Apr. 10	2,393	34,72
	Jul. 19	29,869	5,17		Jul. 19	2,429	34,34
	Oct. 27	29,822	5,61		Oct. 27	2,457	34,00
	Dec. 66	29,784	6,00		Dec. 66	2,477	33,71
1814	Jan. 0	11 39 32,863	+15 36 45,80	1824	Jan. 1	11 40 5,538	+15 33 13,72
	Apr. 10	32,831	46,16		Apr. 10	5,553	13,47
	Jul. 19	32,807	46,47		Jul. 19	5,559	13,27
	Oct. 27	32,791	46,73		Oct. 27	5,555	13,12
	Dec. 66	32,784	46,94		Dec. 66	5,543	13,02
1815	Jan. 0	11 39 35,854	+15 36 26,80	1825	Jan. 0	11 40 8,615	+15 32 52,96
	Apr. 10	35,854	26,97		Apr. 10	8,597	52,91
	Jul. 19	35,863	27,08		Jul. 19	8,571	52,91
	Oct. 27	35,881	27,14		Oct. 27	8,536	52,97
	Dec. 66	35,907	27,14		Dec. 66	8,492	53,09
1816	Jan. 1	11 39 38,964	+15 36 7,07	1826	Jan. 0	11 40 11,574	+15 32 32,96
	Apr. 10	38,996	7,04		Apr. 10	11,525	33,11
	Jul. 19	39,036	6,94		Jul. 19	11,468	33,32
	Oct. 27	39,084	6,79		Oct. 27	11,405	33,59
	Dec. 66	39,139	6,59		Dec. 66	11,334	33,91
1817	Jan. 0	11 39 42,187	+15 35 46,58	1827	Jan. 0	11 40 14,425	+15 32 13,71
	Apr. 10	42,247	46,34		Apr. 10	14,349	14,06
	Jul. 19	42,313	46,06		Jul. 19	14,269	14,46
	Oct. 27	42,385	45,73		Oct. 27	14,183	14,90
	Dec. 66	42,462	45,35		Dec. 66	14,094	15,38
1818	Jan. 0	11 39 45,503	+15 35 25,40	1828	Jan. 1	11 40 17,191	+15 31 55,13
	Apr. 10	45,584	25,00		Apr. 10	17,098	55,64
	Jul. 19	45,668	24,56		Jul. 19	17,003	56,18
	Oct. 27	45,756	24,08		Oct. 27	16,907	56,75
	Dec. 66	45,847	23,57		Dec. 66	16,808	57,34
1819	Jan. 0	11 39 48,883	+15 35 3,66	1829	Jan. 0	11 40 19,907	+15 31 37,06
	Apr. 10	48,976	3,13		Apr. 10	19,807	37,67
	Jul. 19	49,069	2,58		Jul. 19	19,709	38,28
	Oct. 27	49,163	2,02		Oct. 27	19,612	38,91
	Dec. 66	49,257	1,43		Dec. 66	19,517	39,55

Tabulae X. Sect. IV. *β Leonis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+0,352	+33,2	— 6,79	—18,3	—3	+2	1810	11 39 21,5679	+15 38 0,856
10	+0,677	+31,4	— 8,50	—15,7	—3	+1	1811	39 24,6357	37 40,776
20	+0,979	+28,6	— 9,92	—12,7	—3	+1	1812	39 27,7034	37 20,696
30	+1,248	+25,1	—11,03	— 9,4	—3	0	1813	39 30,7711	37 0,615
Febr. 9	+1,480	+21,0	—11,79	— 5,9	—2	0	1814	39 33,8387	36 40,534
							1815	39 36,9062	36 20,453
19	+1,667	+16,4	—12,21	— 2,5	—2	—1	1816	39 39,9736	36 0,371
Mart. 1	+1,808	+11,9	—12,29	+ 0,6	—1	—1	1817	39 43,0409	35 40,289
11	+1,904	+ 7,5	—12,09	+ 3,4	—1	—1	1818	39 46,1082	35 20,207
21	+1,958	+ 6,4	—11,62	+ 5,7	0	—2	1819	39 49,1754	35 0,124
31	+1,972	— 0,3	—10,95	+ 7,4	0	—2	1820	39 52,2425	34 40,040
							1821	39 55,3095	34 19,956
Apr. 10	+1,953	— 3,3	—10,14	+ 8,7	+1	—2	1822	39 58,3765	33 59,872
20	+1,906	— 5,9	— 9,22	+ 9,4	+1	—2	1823	40 1,4434	33 39,788
30	+1,836	— 7,8	— 8,27	+ 9,5	+2	—2	1824	40 4,5102	33 19,703
Maj. 10	+1,750	— 9,1	— 7,32	+ 9,3	+2	—2	1825	40 7,5770	32 59,619
20	+1,654	—10,0	— 6,41	+ 8,8	+2	—2	1826	40 10,6436	32 39,534
							1827	40 13,7102	32 19,448
30	+1,551	—10,4	— 5,57	+ 7,8	+3	—2	1828	40 16,7767	31 59,362
Jun. 9	+1,446	—10,5	— 4,85	+ 6,6	+3	—2	1829	40 19,8431	31 39,276
19	+1,341	—10,3	— 4,25	+ 5,4	+3	—2	1830	40 22,9094	31 19,188
29	+1,241	— 9,7	— 3,78	+ 3,9	+3	—2			
Jul. 9	+1,147	— 8,9	— 3,48	+ 2,3	+3	—1			
19	+1,063	— 7,9	— 3,33	+ 0,6	+2	—1			
29	+0,990	— 6,6	— 3,36	— 1,2	+2	—1			
Aug. 8	+0,932	— 4,9	— 3,57	— 3,1	+2	0			
18	+0,892	— 3,0	— 3,97	— 5,0	+1	0			
28	+0,873	— 0,6	— 4,57	— 7,1	+1	0			
Sept. 7	+0,880	+ 2,3	— 5,38	— 9,2	0	0			
17	+0,918	+ 5,4	— 6,41	—11,4	0	+1			
27	+0,988	+ 8,9	— 7,66	—13,7	—1	+1			
Oct. 7	+1,095	+12,7	— 9,14	—15,9	—1	+1			
17	+1,242	+16,7	—10,83	—17,9	—2	+2			
27	+1,429	+20,7	—12,71	—19,7	—2	+2			
Nov. 6	+1,656	+24,6	—14,76	—21,2	—3	+2			
16	+1,920	+28,0	—16,93	—22,1	—3	+2			
26	+2,215	+30,7	—19,17	—22,5	—4	+2			
Dec. 6	+2,534	+32,7	—21,42	—22,2	—4	+2			
16	+2,869	+33,8	—23,61	—21,3	—4	+2			
26	+3,209	+33,7	—25,68	—19,7	—4	+2			
36	+3,543	+32,7	—27,54	—17,4	—4	+1			

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens

Tabulae X. Sect. IV. *β Virginis.*

		α	δ	
1810	Jan. 0	11 40 48,205	+ 2 50 2,66	
	Apr. 10	48,112	3,24	
	Jul. 19	48,017	3,84	
	Oct. 27	47,921	4,45	
	Dec. 66	47,823	5,08	
1811	Jan. 0	11 40 50,980	+ 2 49 44,58	
	Apr. 10	50,883	45,21	
	Jul. 19	50,788	45,84	
	Oct. 27	50,795	46,47	
	Dec. 66	50,603	47,09	
1812	Jan. 1	11 40 53,758	+ 2 49 26,60	
	Apr. 10	53,669	27,21	
	Jul. 19	53,584	27,80	
	Oct. 27	53,505	28,36	
	Dec. 66	53,430	28,90	
1813	Jan. 0	11 40 56,579	+ 2 49 8,43	
	Apr. 10	56,508	8,95	
	Jul. 19	56,445	9,42	
	Oct. 27	56,389	9,85	
	Dec. 66	56,340	10,25	
1814	Jan. 0	11 40 59,480	+ 2 48 49,83	
	Apr. 10	59,436	50,19	
	Jul. 19	59,401	50,50	
	Oct. 27	59,374	50,76	
	Dec. 66	59,356	50,96	
1815	Jan. 0	11 41 2,486	+ 2 48 30,61	
	Apr. 10	2,473	30,78	
	Jul. 19	2,469	30,89	
	Oct. 27	2,474	30,94	
	Dec. 66	2,488	30,94	
1816	Jan. 1	11 41 5,607	+ 2 48 10,65	
	Apr. 10	5,626	10,61	
	Jul. 19	5,654	10,52	
	Oct. 27	5,689	10,37	
	Dec. 66	5,733	10,16	
1817	Jan. 0	11 41 8,842	+ 2 47 49,95	
	Apr. 10	8,891	49,71	
	Jul. 19	8,946	49,42	
	Oct. 27	9,008	49,08	
	Dec. 66	9,076	48,70	
1818	Jan. 0	11 41 12,177	+ 2 47 28,55	
	Apr. 10	12,249	28,14	
	Jul. 19	12,325	27,69	
	Oct. 27	12,405	27,21	
	Dec. 66	12,490	26,70	
1819	Jan. 0	11 41 15,585	+ 2 47 6,59	
	Apr. 10	15,672	6,06	
	Jul. 19	15,761	5,51	
	Oct. 27	15,851	4,94	
	Dec. 66	15,943	4,35	
1820	Jan. 1	11 41 19,037	+ 2 46 44,26	
	Apr. 10	19,130	43,66	
	Jul. 19	19,222	43,06	
	Oct. 27	19,313	42,46	
	Dec. 66	19,404	41,86	
1821	Jan. 0	11 41 22,497	+ 2 46 21,77	
	Apr. 10	22,586	21,17	
	Jul. 19	22,672	20,59	
	Oct. 27	22,754	20,02	
	Dec. 66	22,833	19,47	
1822	Jan. 0	11 41 25,931	+ 2 45 59,36	
	Apr. 10	26,007	58,82	
	Jul. 19	26,077	58,32	
	Oct. 27	26,141	57,84	
	Dec. 66	26,200	57,40	
1823	Jan. 0	11 41 29,106	+ 2 45 37,25	
	Apr. 10	29,160	36,83	
	Jul. 19	29,207	36,46	
	Oct. 27	29,246	36,13	
	Dec. 66	29,278	35,85	
1824	Jan. 1	11 41 32,592	+ 2 45 15,65	
	Apr. 10	32,618	15,40	
	Jul. 19	32,636	15,20	
	Oct. 27	32,645	15,06	
	Dec. 66	32,646	14,97	
1825	Jan. 0	11 41 35,771	+ 2 44 54,70	
	Apr. 10	35,766	54,65	
	Jul. 19	35,752	54,66	
	Oct. 27	35,729	54,73	
	Dec. 66	35,698	54,85	
1826	Jan. 0	11 41 38,834	+ 2 44 34,51	
	Apr. 10	38,797	34,67	
	Jul. 19	38,753	34,89	
	Oct. 27	38,700	35,16	
	Dec. 66	38,640	35,48	
1827	Jan. 0	11 41 41,785	+ 2 44 15,07	
	Apr. 10	41,720	15,43	
	Jul. 19	41,650	15,83	
	Oct. 27	41,573	16,27	
	Dec. 66	41,491	16,76	
1828	Jan. 1	11 41 44,643	+ 2 43 56,30	
	Apr. 10	44,557	56,82	
	Jul. 19	44,468	57,36	
	Oct. 27	44,376	57,93	
	Dec. 66	44,281	58,53	
1829	Jan. 0	11 41 47,437	+ 2 43 38,03	
	Apr. 10	47,341	38,64	
	Jul. 19	47,245	39,26	
	Oct. 27	47,149	39,89	
	Dec. 66	47,052	40,53	

Tabulae X. Sect. IV. *β Virginis.*

	1820		1820		Var. 10 annor.	
	″		″			
an. 0	+0,340	+32,5	− 2,52	−20,9	−3	+2
10	+0,658	+30,6	− 4,55	−19,5	−3	+2
20	+0,952	+27,9	− 6,42	−17,6	−3	+2
30	+1,215	+24,4	− 8,07	−15,3	−2	+1
Febr. 9	+1,440	+20,5	− 9,47	−12,7	−2	+1
19	+1,624	+16,2	−10,60	− 9,9	−1	+1
Mart. 1	+1,764	+11,8	−11,45	− 7,1	−1	0
11	+1,860	+ 7,7	−12,02	− 4,5	0	0
21	+1,917	+ 3,8	−12,34	− 2,1	0	−1
31	+1,936	+ 0,4	−12,43	+ 0,1	+1	−1
Apr. 10	+1,924	− 2,5	−12,32	+ 1,9	+1	−1
20	+1,886	− 4,9	−12,05	+ 3,4	+2	−1
30	+1,827	− 6,7	−11,65	+ 4,5	+2	−2
Maj. 10	+1,753	− 8,0	−11,16	+ 5,2	+2	−2
20	+1,668	− 8,8	−10,61	+ 5,7	+3	−2
30	+1,577	− 9,3	−10,02	+ 6,0	+3	−2
Jun. 9	+1,482	− 9,5	− 9,41	+ 6,1	+3	−2
19	+1,388	− 9,3	− 8,80	+ 6,0	+3	−2
29	+1,296	− 9,0	− 8,22	+ 5,7	+3	−2
Jul. 9	+1,209	− 8,3	− 7,66	+ 5,3	+3	−2
19	+1,130	− 7,4	− 7,16	+ 4,7	+3	−2
29	+1,061	− 6,2	− 6,72	+ 3,9	+2	−1
Aug. 8	+1,006	− 4,7	− 6,38	+ 2,9	+2	−1
18	+0,968	− 2,8	− 6,15	+ 1,6	+2	−1
28	+0,951	− 0,5	− 6,06	+ 0,1	+1	−1
Sept. 7	+0,959	+ 2,3	− 6,14	− 1,8	+1	−1
17	+0,996	+ 5,4	− 6,42	− 3,9	0	0
27	+1,066	+ 8,9	− 6,92	− 6,3	0	0
Oct. 7	+1,173	+12,6	− 7,67	− 8,8	−1	0
17	+1,318	+16,6	− 8,67	−11,3	−1	+1
27	+1,504	+20,6	− 9,93	−13,9	−2	+1
Nov. 6	+1,729	+24,3	−11,44	−16,3	−2	+1
16	+1,990	+27,6	−13,18	−18,3	−3	+2
26	+2,281	+30,3	−15,10	−20,0	−3	+2
Dec. 6	+2,596	+32,2	−17,17	−21,1	−3	+2
16	+2,925	+33,2	−19,32	−21,6	−3	+2
26	+3,259	+33,1	−21,48	−21,3	−3	+2
36	+3,586	+31,9	−23,58	−20,4	−3	+2

	A. R. med.	Decl. med.
	h m s	° ′ ″
1810	11 40 47,8762	+ 2 50 5,684
1811	40 51,0007	49 45,398
1812	40 54,1252	49 25,112
1813	40 57,2497	49 4,825
1814	41 0,3742	48 44,538
1815	41 3,4986	48 24,251
1816	41 6,6231	48 3,963
1817	41 9,7476	47 43,675
1818	41 12,8721	47 23,387
1819	41 15,9965	47 3,098
1820	41 19,1209	46 42,810
1821	41 22,2453	46 22,521
1822	41 25,3697	46 2,232
1823	41 28,2941	45 41,942
1824	41 31,6185	45 21,652
1825	41 34,7430	45 1,361
1826	41 37,8674	44 41,070
1827	41 40,9918	44 20,779
1828	41 44,1162	44 0,487
1829	41 47,2406	43 40,195
1830	41 50,3649	43 19,904

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Virginis.*

		h ′ ″	° ′ ″
1810	Jan. 0	13 15 12,404	—10 9 56,80
	Apr. 10	12,312	56,14
	Jul. 19	12,217	55,50
	Oct. 27	12,120	54,88
	Dec. 66	12,021	54,28
1811	Jan. 0	13 15 15,199	—10 10 13,52
	Apr. 10	15,099	12,93
	Jul. 19	14,999	12,38
	Oct. 27	14,901	11,86
	Dec. 66	14,804	11,38
1812	Jan. 1	13 15 17,981	—10 10 30,57
	Apr. 10	17,885	30,12
	Jul. 19	17,793	29,72
	Oct. 27	17,705	29,36
	Dec. 66	17,621	29,06
1813	Jan. 0	13 15 20,793	—10 10 48,20
	Apr. 10	20,713	47,93
	Jul. 19	20,639	47,73
	Oct. 27	20,572	47,58
	Dec. 66	20,511	47,49
1814	Jan. 0	13 15 23,675	—10 11 6,55
	Apr. 10	23,619	6,50
	Jul. 19	23,572	6,52
	Oct. 27	23,533	6,59
	Dec. 66	23,503	6,72
1815	Jan. 0	13 15 26,657	—10 11 25,71
	Apr. 10	26,632	25,88
	Jul. 19	26,616	26,11
	Oct. 27	26,609	26,39
	Dec. 66	26,611	26,72
1816	Jan. 1	13 15 29,754	—10 11 45,64
	Apr. 10	29,762	46,01
	Jul. 19	29,779	46,42
	Oct. 27	29,804	46,87
	Dec. 66	29,838	47,36
1817	Jan. 0	13 15 32,971	—10 12 6,23
	Apr. 10	33,010	6,75
	Jul. 19	33,056	7,29
	Oct. 27	33,110	7,86
	Dec. 66	33,171	8,45
1818	Jan. 0	13 15 36,295	—10 12 27,28
	Apr. 10	36,360	27,89
	Jul. 19	36,431	28,50
	Oct. 27	36,507	29,13
	Dec. 66	36,589	29,76
1819	Jan. 0	13 15 39,706	—10 12 48,57
	Apr. 10	39,791	49,21
	Jul. 19	39,878	49,83
	Oct. 27	39,968	50,44
	Dec. 66	40,060	51,03
1820	Jan. 1	13 15 43,174	—10 13 9,86
	Apr. 10	43,268	10,45
	Jul. 19	43,363	11,01
	Oct. 27	43,457	11,54
	Dec. 66	43,552	12,05
1821	Jan. 0	13 15 46,666	—10 13 30,91
	Apr. 10	46,760	31,39
	Jul. 19	46,852	31,83
	Oct. 27	46,941	32,23
	Dec. 66	47,028	32,59
1822	Jan. 0	13 15 50,145	—10 13 51,50
	Apr. 10	50,229	51,83
	Jul. 19	50,309	52,10
	Oct. 27	50,383	52,32
	Dec. 66	50,452	52,49
1823	Jan. 0	13 15 53,575	—10 14 11,46
	Apr. 10	53,640	11,59
	Jul. 19	53,698	11,67
	Oct. 27	53,749	11,69
	Dec. 66	53,793	11,65
1824	Jan. 1	13 15 56,925	—10 14 30,69
	Apr. 10	56,963	30,61
	Jul. 19	56,993	30,47
	Oct. 27	57,014	30,28
	Dec. 66	57,027	30,03
1825	Jan. 0	13 16 0,170	—10 14 49,14
	Apr. 10	0,177	48,86
	Jul. 19	0,175	48,52
	Oct. 27	0,164	48,13
	Dec. 66	0,143	47,70
1826	Jan. 0	13 16 3,297	—10 15 6,87
	Apr. 10	3,271	6,40
	Jul. 19	3,236	5,90
	Oct. 27	3,193	5,36
	Dec. 66	3,141	4,78
1827	Jan. 0	13 16 6,305	—10 15 24,00
	Apr. 10	6,248	23,40
	Jul. 19	6,184	22,79
	Oct. 27	6,113	22,16
	Dec. 66	6,035	21,51
1828	Jan. 1	13 16 9,208	—10 15 40,74
	Apr. 10	9,126	40,09
	Jul. 19	9,040	39,44
	Oct. 27	8,950	38,79
	Dec. 66	8,856	38,14
1829	Jan. 0	13 16 12,034	—10 15 57,37
	Apr. 10	11,937	56,73
	Jul. 19	11,839	56,12
	Oct. 27	11,741	55,53
	Dec. 66	11,641	54,96

Tabulae X. Sect. IV. *α Virginis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	—0,204	+33,4	+ 2,20	—20,1	—3	+2	1810	13 15 11,9422	—10 9 57,343
10	+0,130	+33,1	+ 0,17	—20,4	—3	+2	1811	15 15,0865	10 16,385
20	+0,458	+31,9	— 1,87	—20,1	—3	+2	1812	15 18,2309	10 35,425
30	+0,768	+29,9	— 3,85	—19,2	—3	+2	1813	15 21,3754	10 54,464
Febr. 9	+1,055	+27,2	— 5,71	—17,8	—2	+2	1814	15 24,5200	11 13,500
							1815	15 27,6646	11 32,535
19	+1,311	+24,0	— 7,41	—16,0	—2	+2	1816	15 30,8094	11 51,569
Mart. 1	+1,534	+20,5	— 8,90	—13,8	—2	+2	1817	15 33,9543	12 10,601
11	+1,720	+16,9	—10,17	—11,6	—1	+2	1818	15 37,0994	12 29,632
21	+1,871	+13,3	—11,21	— 9,3	0	+2	1819	15 40,2446	12 48,661
31	+1,986	+ 9,9	—12,02	— 7,1	0	+1	1820	15 43,3899	13 7,690
							1821	15 46,5353	13 26,716
Apr. 10	+2,069	+ 6,8	—12,62	— 5,0	+1	+1	1822	15 49,6808	13 45,741
20	+2,122	+ 4,0	—13,01	— 3,1	+1	+1	1823	15 52,8264	14 4,764
30	+2,148	+ 1,4	—13,23	— 1,4	+2	+1	1824	15 55,9721	14 23,786
Maj. 10	+2,149	— 1,0	—13,28	+ 0,2	+2	0	1825	15 59,1180	14 42,806
20	+2,128	— 3,1	—13,20	+ 1,4	+3	0	1826	16 2,2639	15 1,825
							1827	16 5,4100	15 20,842
30	+2,088	— 4,9	—13,00	+ 2,5	+3	0	1828	16 8,5562	15 39,857
Jun. 9	+2,030	— 6,6	—12,70	+ 3,5	+3	0	1829	16 11,7025	15 58,872
19	+1,957	— 8,0	—12,30	+ 4,3	+3	—1	1830	16 14,8488	16 17,884
29	+1,871	— 9,2	—11,84	+ 5,0	+4	—1			
Jul. 9	+1,773	—10,2	—11,30	+ 5,6	+4	—1			
19	+1,667	—10,8	—10,72	+ 6,0	+4	—1			
29	+1,557	—11,1	—10,11	+ 6,2	+3	—1			
Aug. 8	+1,446	—10,9	— 9,48	+ 6,3	+3	—1			
18	+1,340	—10,1	— 8,86	+ 6,0	+3	—1			
28	+1,244	— 8,7	— 8,28	+ 5,5	+3	—1			
Sept. 7	+1,166	— 6,7	— 7,76	+ 4,6	+2	—1			
17	+1,111	— 4,0	— 7,36	+ 3,3	+2	—1			
27	+1,087	— 0,6	— 7,10	+ 1,7	+1	0			
Oct. 7	+1,099	+ 3,4	— 7,02	— 0,4	+1	0			
17	+1,154	+ 7,8	— 7,18	— 2,8	0	0			
27	+1,254	+12,4	— 7,58	— 5,4	0	+1			
Nov. 6	+1,401	+17,1	— 8,26	— 8,3	—1	+1			
16	+1,595	+21,5	— 9,23	—11,1	—1	+2			
26	+1,831	+25,5	—10,47	—13,7	—1	+2			
Dec. 6	+2,105	+28,9	—11,97	—16,1	—2	+3			
16	+2,409	+31,4	—13,69	—18,1	—2	+3			
26	+2,733	+32,9	—15,58	—19,5	—2	+3			
36	+3,067	+33,4	—17,58	—20,3	—2	+4			

Diei reducto addendum est:

ante } Oct. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Bootis.*

		h ′ ″	° ′ ″
1810	Jan. 0	14 7 0,077	+20 10 38,14
	Apr. 10	6 59,987	38,78
	Jul. 19	59,897	39,40
	Oct. 27	59,807	39,98
	Dec. 66	59,717	40,53
1811	Jan. 0	14 7 2,479	+20 10 21,32
	Apr. 10	2,391	21,84
	Jul. 19	2,306	22,31
	Oct. 27	2,224	22,73
	Dec. 66	2,145	23,11
1812	Jan. 1	14 7 4,903	+20 10 3,96
	Apr. 10	4,827	4,29
	Jul. 19	4,757	4,56
	Oct. 27	4,692	4,77
	Dec. 66	4,633	4,92
1813	Jan. 0	14 7 7,385	+20 9 45,86
	Apr. 10	7,330	45,96
	Jul. 19	7,283	46,00
	Oct. 27	7,243	45,98
	Dec. 66	7,211	45,89
1814	Jan. 0	14 7 9,953	+20 9 26,90
	Apr. 10	9,926	26,77
	Jul. 19	9,908	26,57
	Oct. 27	9,897	26,32
	Dec. 66	9,895	26,01
1815	Jan. 0	14 7 12,627	+20 9 7,10
	Apr. 10	12,630	6,75
	Jul. 19	12,641	6,35
	Oct. 27	12,658	5,90
	Dec. 66	12,683	5,41
1816	Jan. 1	14 7 15,410	+20 8 46,56
	Apr. 10	15,443	46,04
	Jul. 19	15,482	45,48
	Oct. 27	15,428	44,90
	Dec. 66	15,581	44,28
1817	Jan. 0	14 7 18,295	+20 8 25,47
	Apr. 10	18,352	24,84
	Jul. 19	18,415	24,19
	Oct. 27	18,482	23,53
	Dec. 66	18,555	22,86
1818	Jan. 0	14 7 21,262	+20 8 4,07
	Apr. 10	21,338	3,40
	Jul. 19	21,416	2,73
	Oct. 27	21,497	2,07
	Dec. 66	21,581	1,41
1819	Jan. 0	14 7 24,285	+20 7 42,62
	Apr. 10	24,370	41,98
	Jul. 19	24,455	41,36
	Oct. 27	24,540	40,77
	Dec. 66	24,626	40,21
1820	Jan. 1	14 7 27,330	+ 20 7 21,39
	Apr. 10	27,416	20,85
	Jul. 19	27,500	20,35
	Oct. 27	27,581	19,90
	Dec. 66	27,661	19,48
1821	Jan. 0	14 7 30,367	+ 20 7 0,61
	Apr. 10	30,445	0,23
	Jul. 19	30,518	6 59,90
	Oct. 27	30,587	59,62
	Dec. 66	30,651	59,40
1822	Jan. 0	14 7 33,362	+ 20 6 40,46
	Apr. 10	33,423	40,28
	Jul. 19	33,478	40,15
	Oct. 27	33,527	40,09
	Dec. 66	33,569	40,08
1823	Jan. 0	14 7 36,288	+ 20 6 21,07
	Apr. 10	36,326	21,11
	Jul. 19	36,356	21,21
	Oct. 27	36,379	21,37
	Dec. 66	36,395	21,58
1824	Jan. 1	14 7 39,123	+ 20 6 2,50
	Apr. 10	39,133	2,76
	Jul. 19	39,135	3,07
	Oct. 27	39,128	3,44
	Dec. 66	39,114	3,86
1825	Jan. 0	14 7 41,852	+ 20 5 44,71
	Apr. 10	41,832	45,16
	Jul. 19	41,805	45,66
	Oct. 27	41,770	46,20
	Dec. 66	41,728	46,78
1826	Jan. 0	14 7 44,475	+ 20 5 27,59
	Apr. 10	44,427	28,19
	Jul. 19	44,373	28,82
	Oct. 27	44,313	29,47
	Dec. 66	44,246	30,14
1827	Jan. 0	14 7 47,001	+ 20 5 10,92
	Apr. 10	46,930	11,60
	Jul. 19	46,855	12,29
	Oct. 27	46,776	12,98
	Dec. 66	46,692	13,67
1828	Jan. 1	14 7 49,453	+ 20 4 54,45
	Apr. 10	49,367	55,13
	Jul. 19	49,280	55,80
	Oct. 27	49,191	56,44
	Dec. 66	49,100	57,07
1829	Jan. 0	14 7 51,863	+ 20 4 37,88
	Apr. 10	51,772	38,48
	Jul. 19	51,683	39,05
	Oct. 27	51,595	39,57
	Dec. 66	51,509	40,06

Tabulae X. Sect. IV. *α Bootis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−0,545	+31,9	− 7,55	−24,4	−3	+2	1810	14 6 59,9274	+20 10 35,632
10	−0,219	+32,9	− 9,87	−21,7	−3	+2	1811	7 2,6596	10 16,602
20	+0,113	+32,9	−11,88	−18,3	−3	+2	1812	7 5,3918	9 57,574
30	+0,439	+32,0	−13,53	−14,5	−3	+2	1813	7 8,1240	9 38,549
Febr. 9	+0,752	+30,2	−14,77	−10,2	−3	+1	1814	7 10,8562	9 19,525
							1815	7 13,5883	9 0,504
19	+1,042	+27,6	−15,57	− 5,8	−3	+1	1816	7 16,3205	8 41,485
Mart. 1	+1,304	+24,7	−15,92	− 1,4	−2	+1	1817	7 19,0527	8 22,468
11	+1,535	+21,8	−15,84	+ 2,9	−2	0	1818	7 21,7849	8 3,453
21	+1,731	+17,9	−15,35	+ 6,6	−2	0	1819	7 24,5172	7 44,440
31	+1,892	+14,4	−14,52	+ 9,8	−1	0	1820	7 27,2495	7 25,430
							1821	7 29,9818	7 6,422
Apr. 10	+2,018	+10,9	−13,39	+12,5	−1	−1	1822	7 32,7141	6 47,416
20	+2,110	+ 7,6	−12,03	+14,4	0	−1	1823	7 35,4464	6 28,412
30	+2,170	+ 4,5	−10,52	+15,5	0	−1	1824	7 38,1787	6 9,410
Maj. 10	+2,200	+ 1,6	− 8,94	+15,9	+1	−1	1825	7 40,9110	5 50,410
20	+2,202	− 1,2	− 7,34	+15,7	+1	−1	1826	7 43,6433	5 31,413
							1827	7 46,3757	5 12,418
30	+2,177	− 3,7	− 5,80	+15,0	+1	−1	1828	7 49,1081	4 53,425
Jun. 9	+2,129	− 6,0	− 4,35	+13,7	+2	−1	1829	7 51,8405	4 34,434
19	+2,058	− 8,1	− 3,06	+12,0	+2	−1	1830	7 54,5729	4 15,445
29	+1,968	−10,0	− 1,96	+ 9,9	+2	−1			
Jul. 9	+1,859	−11,6	− 1,08	+ 7,7	+3	−1			
19	+1,736	−12,9	− 0,43	+ 5,2	+3	0			
29	+1,602	−13,8	− 0,05	+ 2,5	+3	0			
Aug. 8	+1,460	−14,3	+ 0,06	− 0,3	+3	0			
18	+1,317	−14,1	− 0,11	− 3,1	+3	0			
28	+1,178	−13,4	− 0,56	− 6,0	+3	+1			
Sept. 7	+1,049	−12,0	− 1,30	− 8,9	+2	+1			
17	+0,939	− 9,8	− 2,34	−11,9	+2	+2			
27	+0,854	− 6,9	− 3,67	−14,7	+2	+2			
Oct. 7	+0,802	− 3,3	− 5,28	−17,5	+1	+2			
17	+0,789	+ 1,0	− 7,17	−20,2	+1	+3			
27	+0,821	+ 5,6	− 9,31	−22,5	0	+3			
Nov. 6	+0,900	+11,0	−11,67	−24,5	0	+4			
16	+1,030	+15,4	−14,21	−26,1	−1	+4			
26	+1,208	+20,1	−16,89	−27,1	−1	+4			
Dec. 6	+1,432	+24,4	−19,63	−27,4	−2	+4			
16	+1,696	+28,0	−22,36	−26,9	−2	+5			
26	+1,991	+30,7	−25,00	−25,5	−2	+5			
36	+2,309	+32,4	−27,46	−23,5	−3	+4			

Diei reducto addendum est:

ante / post } Oct. 27 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 1α *Librae.*

1810	Jan. 0	14 40 12,386	−15 11 55,37	1820	Jan. 1	14 40 44,626	−15 14 38,41
	Apr. 10	12,290	54,74		Apr. 10	44,725	38,91
	Jul. 19	12,191	54,16		Jul. 19	44,824	39,35
	Oct. 27	12,089	53,62		Oct. 27	44,924	39,74
	Dec. 66	11,985	53,12		Dec. 66	45,024	40,09
1811	Jan. 0	14 40 15,318	−15 12 8,72	1821	Jan. 0	14 40 48,290	−15 14 55,38
	Apr. 10	15,213	8,26		Apr. 10	48,389	55,69
	Jul. 19	15,109	7,85		Jul. 19	48,486	55,94
	Oct. 27	15,006	7,50		Oct. 27	48,580	56,13
	Dec. 66	14,903	7,21		Dec. 66	48,672	56,26
1812	Jan. 1	14 40 18,235	−15 12 22,73	1822	Jan. 0	14 40 51,941	−15 15 11,62
	Apr. 10	18,133	22,49		Apr. 10	52,031	11,71
	Jul. 19	18,036	22,31		Jul. 19	52,115	11,73
	Oct. 27	17,943	22,20		Oct. 27	52,194	11,69
	Dec. 66	17,854	22,15		Dec. 66	52,268	11,58
1813	Jan. 0	14 40 21,181	−15 12 37,58	1823	Jan. 0	14 40 55,543	−15 15 27,02
	Apr. 10	21,095	37,58		Apr. 10	55,613	26,88
	Jul. 19	21,015	37,65		Jul. 19	55,675	26,67
	Oct. 27	20,945	37,79		Oct. 27	55,730	26,41
	Dec. 66	20,881	37,99		Dec. 66	55,777	26,08
1814	Jan. 0	14 40 24,200	−15 12 53,34	1824	Jan. 1	14 40 59,062	−15 15 41,59
	Apr. 10	24,140	53,58		Apr. 10	59,104	41,22
	Jul. 19	24,089	53,88		Jul. 19	59,137	40,80
	Oct. 27	24,047	54,24		Oct. 27	59,161	40,34
	Dec. 66	24,013	54,67		Dec. 66	59,176	39,82
1815	Jan. 0	14 40 27,321	−15 13 9,94	1825	Jan. 0	14 41 2,472	−15 15 55,39
	Apr. 10	27,293	10,39		Apr. 10	2,481	54,84
	Jul. 19	27,275	10,89		Jul. 19	2,480	54,25
	Oct. 27	27,266	11,43		Oct. 27	2,470	53,63
	Dec. 66	27,267	12,02		Dec. 66	2,450	52,97
1816	Jan. 1	14 40 30,564	−15 13 27,24	1826	Jan. 0	14 41 5,758	−15 16 8,58
	Apr. 10	30,571	27,85		Apr. 10	5,732	7,90
	Jul. 19	30,587	28,48		Jul. 19	5,697	7,21
	Oct. 27	30,612	29,14		Oct. 27	5,653	6,51
	Dec. 66	30,646	29,83		Dec. 66	5,599	5,79
1817	Jan. 0	14 40 33,932	−15 13 45,01	1827	Jan. 0	14 41 8,918	−15 16 21,42
	Apr. 10	33,972	45,70		Apr. 10	8,860	20,69
	Jul. 19	34,019	46,40		Jul. 19	8,794	19,97
	Oct. 27	34,074	46,10		Oct. 27	8,721	19,26
	Dec. 66	34,137	47,81		Dec. 66	8,640	18,56
1818	Jan. 0	14 40 37,415	−15 14 2,98	1828	Jan. 1	14 41 11,968	−15 16 34,18
	Apr. 10	37,483	3,68		Apr. 10	11,883	33,49
	Jul. 19	37,556	4,36		Jul. 19	11,793	32,83
	Oct. 27	37,635	5,03		Oct. 27	11,699	32,20
	Dec. 66	37,719	5,68		Dec. 66	11,600	31,60
1819	Jan. 0	14 40 40,990	−15 14 20,87	1829	Jan. 0	14 41 14,934	−15 16 47,18
	Apr. 10	41,077	21,50		Apr. 10	14,833	46,61
	Jul. 19	41,168	22,09		Jul. 19	14,731	46,09
	Oct. 27	41,262	22,65		Oct. 27	14,627	45,62
	Dec. 66	41,360	23,18		Dec. 66	14,522	45,20

Tabulae X. Sect. IV. 1α *Librae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
								h m s	° ′ ″
Jan. 0	−0″,687	+31,7	+ 3″,44	−15,2	−3	+1	1810	14 40 11,8848	−15 11 59,069
10	−0,362	+32,9	+ 1,85	−16,3	−3	+1	1811	40 15,1826	12 14,503
20	−0,029	+33,2	+ 0,19	−16,7	−3	+2	1812	40 18,4805	12 29,934
30	+0,302	+32,7	− 1,49	−16,6	−3	+2	1813	40 21,7786	12 45,362
Febr. 9	+0,624	+31,3	− 3,12	−15,9	−3	+2	1814	40 25,0769	13 0,787
							1815	40 28,3753	13 16,208
19	+0,928	+29,4	− 4,66	−14,8	−3	+2	1816	40 31,6739	13 31,627
Mart. 1	+1,211	+27,0	− 6,07	−13,3	−2	+2	1817	40 34,9726	13 47,042
11	+1,468	+24,3	− 7,31	−11,6	−2	+3	1818	40 38,2715	14 2,455
21	+1,696	+21,4	− 8,38	− 9,8	−1	+3	1819	40 41,5705	14 17,864
31	+1,896	+18,6	− 9,26	− 8,0	−1	+3	1820	40 44,8697	14 33,270
							1821	40 48,1690	14 48,673
pr. 10	+2,067	+15,7	− 9,97	− 6,2	0	+2	1822	40 51,4685	15 4,073
20	+2,209	+12,8	−10,50	− 4,5	0	+2	1823	40 54,7682	15 19,470
30	+2,323	+10,0	−10,87	− 3,1	+1	+2	1824	40 58,0680	15 34,864
Maj. 10	+2,408	+ 7,2	−11,11	− 1,8	+1	+2	1825	41 1,3680	15 50,254
20	+2,466	+ 4,5	−11,23	− 0,7	+2	+2	1826	41 4,6681	16 5,642
							1827	41 7,9684	16 21,026
30	+2,497	+ 1,7	−11,24	+ 0,3	+2	+2	1828	41 11,2688	16 36,408
Jun. 9	+2,500	− 1,0	−11,17	+ 1,2	+3	+2	1829	41 14,5694	16 51,786
19	+2,477	− 3,6	−11,01	+ 2,0	+3	+1	1830	41 17,8702	17 7,161
29	+2,428	− 6,2	−10,78	+ 2,6	+4	+1			
Jul. 9	+2,354	− 8,5	−10,49	+ 3,3	+4	+1			
19	+2,258	−10,6	−10,13	+ 3,9	+4	+1			
29	+2,143	−12,2	− 9,72	+ 4,4	+4	+1			
Aug. 8	+2,014	−13,4	− 9,26	+ 4,8	+4	0			
18	+1,876	−14,0	− 8,76	+ 5,1	+4	0			
28	+1,735	−13,8	− 8,24	+ 5,2	+4	0			
Sept. 7	+1,600	−12,8	− 7,73	+ 5,0	+3	0			
17	+1,479	−11,0	− 7,24	+ 4,6	+3	0			
27	+1,381	− 8,3	− 6,82	+ 3,8	+3	0			
Oct. 7	+1,314	− 4,8	− 6,49	+ 2,6	+2	0			
17	+1,286	− 0,6	− 6,31	+ 1,0	+2	+1			
27	+1,303	+ 4,2	− 6,30	− 0,9	+1	+1			
Nov. 6	+1,369	+ 9,2	− 6,49	− 3,1	+1	+1			
16	+1,487	+14,4	− 6,92	− 5,6	0	+2			
26	+1,656	+19,2	− 7,60	− 8,0	0	+2			
Dec. 6	+1,871	+23,6	− 8,52	−10,4	−1	+3			
16	+2,128	+27,4	− 9,68	−12,6	−1	+3			
26	+2,418	+30,3	−11,04	−14,4	−1	+4			
36	+2,733	+32,3	−12,55	−15,7	−2	+4			

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 2α *Librae.*

1810	Jan. 0	14 40 23,728	—15 14 37,44	1820	Jan. 1	14 40 55,986	—15 17 20,20
	Apr. 10	23,632	36,82		Apr. 10	56,085	20,69
	Jul. 19	23,533	36,24		Jul. 19	56,184	21,14
	Oct. 27	23,431	35,70		Oct. 27	56,282	21,53
	Dec. 66	23,327	35,20		Dec. 66	56,384	21,87
1811	Jan. 0	14 40 26,662	—15 14 50,76	1821	Jan. 0	14 40 59,652	—15 17 37,14
	Apr. 10	26,557	50,30		Apr. 10	59,751	37,44
	Jul. 19	26,452	49,89		Jul. 19	59,848	37,69
	Oct. 27	26,349	49,55		Oct. 27	59,942	37,88
	Dec. 66	26,246	49,26		Dec. 66	41 0,034	38,01
1812	Jan. 1	14 40 29,580	—15 15 4,75	1822	Jan. 0	14 41 3,305	—15 17 53,34
	Apr. 10	29,478	4,50		Apr. 10	3,395	53,43
	Jul. 19	29,381	4,32		Jul. 19	3,479	53,45
	Oct. 27	29,288	4,21		Oct. 27	3,558	53,41
	Dec. 66	29,199	4,17		Dec. 66	3,632	53,30
1813	Jan. 0	14 40 32,528	—15 15 19,57	1823	Jan. 0	14 41 6,909	—15 18 8,71
	Apr. 10	32,442	19,57		Apr. 10	6,979	8,57
	Jul. 19	32,364	19,64		Jul. 19	7,041	8,36
	Oct. 27	32,292	19,78		Oct. 27	7,096	8,09
	Dec. 66	32,227	19,98		Dec. 66	7,144	7,76
1814	Jan. 0	14 40 35,548	—15 15 35,30	1824	Jan. 1	14 41 10,430	—15 18 23,24
	Apr. 10	35,489	35,55		Apr. 10	10,473	22,88
	Jul. 19	35,438	35,85		Jul. 19	10,507	22,46
	Oct. 27	35,395	36,21		Oct. 27	10,530	21,99
	Dec. 66	35,361	36,63		Dec. 66	10,544	21,47
1815	Jan. 0	14 40 38,672	—15 15 51,87	1825	Jan. 0	14 41 13,843	—15 18 37,01
	Apr. 10	38,644	52,33		Apr. 10	13,852	36,46
	Jul. 19	38,626	52,83		Jul. 19	13,851	35,87
	Oct. 27	38,617	53,37		Oct. 27	13,841	35,25
	Dec. 66	38,617	53,96		Dec. 66	13,821	34,59
1816	Jan. 1	14 40 41,916	—15 16 9,14	1826	Jan. 0	14 41 17,130	—15 18 50,17
	Apr. 10	41,923	9,75		Apr. 10	17,104	49,50
	Jul. 19	41,939	10,39		Jul. 19	17,069	48,81
	Oct. 27	41,964	11,05		Oct. 27	17,025	48,10
	Dec. 66	41,998	11,73		Dec. 66	16,972	47,38
1817	Jan. 0	14 40 45,286	—15 16 26,89	1827	Jan. 0	14 41 20,293	—15 19 2,97
	Apr. 10	45,326	27,58		Apr. 10	20,234	2,25
	Jul. 19	45,374	28,28		Jul. 19	20,168	1,53
	Oct. 27	45,429	28,98		Oct. 27	20,095	0,82
	Dec. 66	45,492	29,68		Dec. 66	20,014	0,12
1818	Jan. 0	14 40 48,771	—15 16 44,83	1828	Jan. 1	14 41 23,344	—15 19 15,71
	Apr. 10	48,838	45,53		Apr. 10	23,259	15,02
	Jul. 19	48,911	46,21		Jul. 19	23,169	14,36
	Oct. 27	48,990	46,87		Oct. 27	23,075	13,73
	Dec. 66	49,075	47,52		Dec. 66	22,976	13,13
1819	Jan. 0	14 40 52,347	—15 17 2,69	1829	Jan. 0	14 41 26,312	—15 19 28,68
	Apr. 10	52,435	3,32		Apr. 10	26,211	28,11
	Jul. 19	52,527	3,91		Jul. 19	26,109	27,59
	Oct. 27	52,621	4,47		Oct. 27	26,005	27,12
	Dec. 66	52,718	4,99		Dec. 66	25,900	26,70

Tabulae X. Sect. IV. 2*a* *Librae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	−0,688	+31,7	+ 3,45	−15,3	−3	+1	1810	14 40 23,2259	−15 14 41,149
10	−0,363	+32,9	+ 1,86	−16,2	−3	+1	1811	40 26,5256	14 56,553
20	−0,030	+33,2	+ 0,21	−16,7	−3	+2	1812	40 29,8255	15 11,954
30	+0,301	+32,7	− 1,47	−16,6	−3	+2	1813	40 33,1255	15 27,352
Febr. 9	+0,623	+31,4	− 3,10	−15,8	−3	+2	1814	40 36,4257	15 42,747
							1815	40 39,7260	15 58,139
19	+0,928	+29,4	− 4,64	−14,7	−3	+2	1816	40 43,0265	16 13,527
Mart. 1	+1,210	+27,0	− 6,05	−13,3	−2	+2	1817	40 46,3271	16 28,913
11	+1,467	+24,4	− 7,29	−11,6	−2	+3	1818	40 49,6279	16 44,295
21	+1,697	+21,5	− 8,36	− 9,8	−1	+3	1819	40 52,9289	16 59,674
31	+1,897	+18,6	− 9,25	− 8,0	−1	+3	1820	40 56,2300	17 15,050
							1821	40 59,5313	17 30,423
Apr. 10	+2,068	+15,7	− 9,95	− 6,2	0	+2	1822	41 2,8327	17 45,793
20	+2,210	+12,8	−10,48	− 4,6	0	+2	1823	41 6,1343	18 1,160
30	+2,324	+10,0	−10,86	− 3,1	+1	+2	1824	41 9,4360	18 16,523
Maj. 10	+2,410	+ 7,2	−11,10	− 1,8	+1	+2	1825	41 12,7380	18 31,882
20	+2,468	+ 4,5	−11,22	− 0,7	+2	+2	1826	41 16,0400	18 47,239
							1827	41 19,3422	19 2,593
30	+2,499	+ 1,7	−11,23	+ 0,3	+2	+2	1828	41 22,6446	19 17,944
Jun. 9	+2,502	− 1,0	−11,16	+ 1,2	+3	+2	1829	41 25,9471	19 33,292
19	+2,479	− 3,6	−11,00	+ 1,9	+3	+1	1830	41 29,2497	19 48,637
29	+2,430	− 6,2	−10,78	+ 2,6	+4	+1			
Jul. 9	+2,356	− 8,5	−10,48	+ 3,3	+4	+1			
19	+2,261	−10,5	−10,13	+ 3,8	+4	+1			
29	+2,146	−12,3	− 9,72	+ 4,4	+4	+1			
Aug. 8	+2,016	−13,4	− 9,26	+ 4,8	+4	0			
18	+1,878	−14,0	− 8,76	+ 5,1	+4	0			
28	+1,737	−13,8	− 8,24	+ 5,2	+4	0			
Sept. 7	+1,602	−12,8	− 7,73	+ 5,1	+3	0			
17	+1,481	−11,0	− 7,23	+ 4,6	+3	0			
27	+1,383	− 8,3	− 6,81	+ 3,8	+3	0			
Oct. 7	+1,316	− 4,8	− 6,48	+ 2,6	+2	0			
17	+1,287	− 0,6	− 6,29	+ 1,0	+2	+1			
27	+1,304	+ 4,2	− 6,28	− 0,9	+1	+1			
Nov. 6	+1,371	+ 9,2	− 6,47	− 3,1	+1	+1			
16	+1,488	+14,3	− 6,90	− 5,5	0	+2			
26	+1,656	+19,2	− 7,57	− 8,0	0	+2			
Dec. 6	+1,872	+23,7	− 8,49	−10,4	−1	+3			
16	+2,129	+27,4	− 9,64	−12,6	−1	+3			
26	+2,419	+30,3	−11,00	−14,4	−1	+4			
36	+2,734	+32,3	−12,51	−15,7	−2	+4			

Diei reducto addendum est:

ante / post } Nov. 4 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Coronae.*

		α	δ				α	δ	
1810	Jan. 0	15 26 38,891	+27 21 44,66		1820	Jan. 1	15 27 4,237	+27 19 27,95	
	Apr. 10	38,809	45,23			Apr. 10	4,315	27,54	
	Jul. 19	38,728	45,75			Jul. 19	4,390	27,18	
	Oct. 27	38,647	46,21			Oct. 27	4,463	26,89	
	Dec. 66	38,567	46,62			Dec. 66	4,534	26,65	
1811	Jan. 0	15 26 41,129	+27 21 33,98		1821	Jan. 0	15 27 7,047	+27 19 14,24	
	Apr. 10	41,050	34,35			Apr. 10	7,116	14,05	
	Jul. 19	40,974	34,65			Jul. 19	7,181	13,93	
	Oct. 27	40,900	34,88			Oct. 27	7,242	13,87	
	Dec. 66	40,830	35,04			Dec. 66	7,299	13,87	
1812	Jan. 1	15 26 43,389	+27 21 22,49		1822	Jan. 0	15 27 9,817	+27 19 1,38	
	Apr. 10	43,322	22,61			Apr. 10	9,871	1,43	
	Jul. 19	43,260	22,65			Jul. 19	9,919	1,55	
	Oct. 27	43,203	22,62			Oct. 27	9,961	1,73	
	Dec. 66	43,151	22,52			Dec. 66	9,998	1,98	
1813	Jan. 0	15 26 45,704	+27 21 10,06		1823	Jan. 0	15 27 12,522	+27 18 49,41	
	Apr. 10	45,657	9,91			Apr. 10	12,554	49,71	
	Jul. 19	45,616	9,70			Jul. 19	12,580	50,06	
	Oct. 27	45,582	9,42			Oct. 27	12,598	50,47	
	Dec. 66	45,555	9,07			Dec. 66	12,610	50,93	
1814	Jan. 0	15 26 48,099	+27 20 56,69		1824	Jan. 1	15 27 15,143	+27 18 38,30	
	Apr. 10	48,077	56,30			Apr. 10	15,150	38,80	
	Jul. 19	48,062	55,85			Jul. 19	15,150	39,35	
	Oct. 27	48,055	55,35			Oct. 27	15,142	39,94	
	Dec. 66	48,055	54,80			Dec. 66	15,127	40,58	
1815	Jan. 0	15 26 50,590	+27 20 42,49		1825	Jan. 0	15 27 17,670	+27 18 27,90	
	Apr. 10	50,595	41,91			Apr. 10	17,650	28,56	
	Jul. 19	50,608	41,28			Jul. 19	17,623	29,25	
	Oct. 27	50,627	40,63			Oct. 27	17,589	29,97	
	Dec. 66	50,654	39,94			Dec. 66	17,549	30,71	
1816	Jan. 1	15 26 53,181	+27 20 27,67		1826	Jan. 0	15 27 20,099	+27 18 17,99	
	Apr. 10	53,212	26,96			Apr. 10	20,054	18,74	
	Jul. 19	53,249	26,24			Jul. 19	20,004	19,49	
	Oct. 27	53,293	25,51			Oct. 27	19,948	20,25	
	Dec. 66	53,343	24,76			Dec. 66	19,886	21,01	
1817	Jan. 0	15 26 55,862	+27 20 12,52		1827	Jan. 0	15 27 22,443	+27 18 8,29	
	Apr. 10	55,915	11,77			Apr. 10	22,378	9,05	
	Jul. 19	55,973	11,03			Jul. 19	22,309	9,78	
	Oct. 27	56,035	10,30			Oct. 27	22,237	10,49	
	Dec. 66	56,102	9,57			Dec. 66	22,160	11,18	
1818	Jan. 0	15 26 58,615	+27 19 57,32		1828	Jan. 1	15 27 24,722	+27 17 58,49	
	Apr. 10	58,684	56,61			Apr. 10	24,644	59,16	
	Jul. 19	58,756	55,93			Jul. 19	24,564	59,79	
	Oct. 27	58,830	55,28			Oct. 27	24,484	18 0,37	
	Dec. 66	58,907	54,66			Dec. 66	24,402	0,90	
1819	Jan. 0	15 27 1,417	+27 19 42,38		1829	Jan. 0	15 27 26,966	+27 17 48,27	
	Apr. 10	1,495	41,79			Apr. 10	26,884	48,77	
	Jul. 19	1,572	41,24			Jul. 19	26,803	49,20	
	Oct. 27	1,650	40,74			Oct. 27	26,724	49,58	
	Dec. 66	1,727	40,29			Dec. 66	26,647	49,90	

Tabulae X. Sect. IV. *a Coronae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	−1″,018	+27,9	− 7″,72	−27,5	−2	+2	1810	15 26 38,7796	+27 21 39,420
10	−0,724	+30,5	−10,36	−24,8	−2	+2	1811	26 41,3157	21 26,909
20	−0,408	+32,2	−12,68	−21,4	−2	+2	1812	26 43,8518	21 14,400
30	−0,081	+32,9	−14,63	−17,2	−3	+2	1813	26 46,3879	21 1,895
Febr. 9	+0,249	+32,7	−16,12	−12,5	−3	+1	1814	26 48,9240	20 49,392
							1815	26 51,4601	20 36,893
19	+0,572	+31,7	−17,12	− 7,4	−3	+1	1816	26 53,9963	20 24,397
Mart. 1	+0,882	+29,9	−17,59	− 2,1	−3	+1	1817	26 56,5325	20 11,903
11	+1,170	+27,7	−17,54	+ 3,0	−3	0	1818	26 59,0687	19 59,412
21	+1,436	+25,1	−17,00	+ 7,8	−2	0	1819	27 1,6050	19 46,925
31	+1,672	+22,1	−15,99	+12,1	−2	0	1820	27 4,1413	19 34,440
							1821	27 6,6776	19 21,958
Apr. 10	+1,878	+19,0	−14,59	+15,7	−2	0	1822	27 9,2139	19 9,479
20	+2,051	+15,7	−12,86	+18,5	−1	−1	1823	27 11,7502	18 57,003
30	+2,191	+12,4	−10,89	+20,6	−1	−1	1824	27 14,2866	18 44,530
Maj. 10	+2,298	+ 9,0	− 8,75	+21,8	0	−1	1825	27 16,8230	18 32,061
20	+2,371	+ 5,7	− 6,54	+22,2	0	−1	1826	27 19,3594	18 19,594
							1827	27 21,8958	18 7,130
30	+2,411	+ 2,3	− 4,32	+21,8	+1	−1	1828	27 24,4323	17 54,669
Jun. 9	+2,417	− 1,1	− 2,19	+20,7	+1	−1	1829	27 26,9688	17 42,211
19	+2,390	− 4,3	− 0,19	+19,0	+1	0	1830	27 29,5054	17 29,756
29	+2,331	− 7,4	+ 1,61	+16,8	+2	0			
Jul. 9	+2,242	−10,3	+ 3,17	+14,2	+2	0			
19	+2,126	−12,9	+ 4,45	+11,2	+2	0			
29	+1,985	−15,1	+ 5,41	+ 8,0	+2	0			
Aug. 8	+1,824	−16,9	+ 6,05	+ 4,7	+3	+1			
18	+1,648	−18,0	+ 6,34	+ 1,1	+3	+1			
28	+1,464	−18,5	+ 6,27	− 2,5	+3	+1			
Sept. 7	+1,279	−18,1	+ 5,84	− 6,1	+3	+2			
17	+1,102	−16,9	+ 5,05	− 9,8	+2	+2			
27	+0,942	−14,8	+ 3,89	−13,3	+2	+3			
Oct. 7	+0,807	−11,8	+ 2,39	−16,8	+2	+3			
17	+0,706	− 8,1	+ 0,54	−20,0	+2	+3			
27	+0,646	− 3,6	− 1,61	−23,0	+1	+4			
Nov. 6	+0,635	+ 1,4	− 4,05	−25,6	+1	+4			
16	+0,674	+ 6,7	− 6,72	−27,6	0	+4			
26	+0,768	+12,0	− 9,57	−29,1	0	+5			
Dec. 6	+0,914	+17,1	−12,53	−29,8	0	+5			
16	+1,110	+21,8	−15,52	−29,6	−1	+5			
26	+1,350	+25,8	−18,45	−28,6	−1	+5			
36	+1,626	+29,1	−21,23	−26,6	−2	+5			

Diei reducto addendum est:

ante } Nov. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Serpentis.*

		h ′ ″	° ′ ″
1810	Jan. 0	15 34 55,315	+ 7 1 53,41
	Apr. 10	55,225	58,97
	Jul. 19	55,134	59,48
	Oct. 27	55,042	59,93
	Dec. 66	54,949	2 0,32
1811	Jan. 0	15 34 57,928	+ 7 1 48,37
	Apr. 10	57,835	48,72
	Jul. 19	57,744	49,00
	Oct. 27	57,655	49,21
	Dec. 66	57,569	49,35
1812	Jan. 1	15 35 0,546	+ 7 1 37,49
	Apr. 10	0,461	37,58
	Jul. 19	0,381	37,60
	Oct. 27	0,306	37,55
	Dec. 66	0,236	37,42
1813	Jan. 0	15 35 3,207	+ 7 1 25,66
	Apr. 10	3,141	25,48
	Jul. 19	3,081	25,24
	Oct. 27	3,029	24,93
	Dec. 66	2,983	24,56
1814	Jan. 0	15 35 5,946	+ 7 1 12,88
	Apr. 10	5,905	12,47
	Jul. 19	5,873	12,00
	Oct. 27	5,849	11,48
	Dec. 66	5,833	10,90
1815	Jan. 0	15 35 8,786	+ 7 0 59,28
	Apr. 10	8,775	58,68
	Jul. 19	8,773	58,04
	Oct. 27	8,779	57,37
	Dec. 66	8,794	56,66
1816	Jan. 1	15 35 11,737	+ 7 0 45,09
	Apr. 10	11,757	44,37
	Jul. 19	11,784	43,63
	Oct. 27	11,820	42,89
	Dec. 66	11,863	42,13
1817	Jan. 0	15 35 14,796	+ 7 0 30,58
	Apr. 10	14,844	29,82
	Jul. 19	14,898	29,08
	Oct. 27	14,957	28,34
	Dec. 66	15,023	27,62
1818	Jan. 0	15 35 17,949	+ 7 0 16,05
	Apr. 10	18,019	15,35
	Jul. 19	18,093	14,68
	Oct. 27	18,170	14,03
	Dec. 66	18,252	13,42
1819	Jan. 0	15 35 21,173	+ 7 0 1,83
	Apr. 10	21,257	1,24
	Jul. 19	21,342	0,71
	Oct. 27	21,428	0,22
	Dec. 66	21,516	6 59 59,79
1820	Jan. 1	15 35 24,436	+ 6 59 48,14
	Apr. 10	24,524	47,74
	Jul. 19	24,612	47,40
	Oct. 27	24,699	47,13
	Dec. 66	24,785	46,91
1821	Jan. 0	15 35 27,705	+ 6 59 35,19
	Apr. 10	27,790	35,02
	Jul. 19	27,871	34,92
	Oct. 27	27,949	34,88
	Dec. 66	28,023	34,91
1822	Jan. 0	15 35 30,948	+ 6 59 23,11
	Apr. 10	31,019	23,18
	Jul. 19	31,085	23,32
	Oct. 27	31,146	23,53
	Dec. 66	31,201	23,80
1823	Jan. 0	15 35 34,132	+ 6 59 11,92
	Apr. 10	34,183	12,24
	Jul. 19	34,226	12,61
	Oct. 27	34,262	13,05
	Dec. 66	34,291	13,54
1824	Jan. 1	15 35 37,231	+ 6 59 1,59
	Apr. 10	37,255	2,12
	Jul. 19	37,270	2,69
	Oct. 27	37,279	3,30
	Dec. 66	37,277	3,96
1825	Jan. 0	15 35 40,227	+ 6 58 51,96
	Apr. 10	40,221	52,64
	Jul. 19	40,206	53,35
	Oct. 27	40,183	54,08
	Dec. 66	40,152	54,83
1826	Jan. 0	15 35 43,113	+ 6 58 42,80
	Apr. 10	43,076	43,57
	Jul. 19	43,032	44,33
	Oct. 27	42,981	45,09
	Dec. 66	42,922	45,85
1827	Jan. 0	15 35 45,892	+ 6 58 33,83
	Apr. 10	45,829	34,59
	Jul. 19	45,760	35,32
	Oct. 27	45,686	36,03
	Dec. 66	45,606	36,71
1828	Jan. 1	15 35 48,582	+ 6 58 24,72
	Apr. 10	48,500	25,38
	Jul. 19	48,414	26,00
	Oct. 27	48,326	26,57
	Dec. 66	48,234	27,09
1829	Jan. 0	15 35 51,215	+ 6 58 15,16
	Apr. 10	51,122	15,65
	Jul. 19	51,030	16,07
	Oct. 27	50,938	16,43
	Dec. 66	50,846	16,72

Tabulae X. Sect. IV. *α Serpentis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	—0,933	+26,8	— 2,78	—21,5	—2	+1	1810	15 34 55,0150	+ 7 1 52,920
10	—0,652	+29,0	— 4,90	—20,5	—2	+2	1811	34 57,9632	1 41,096
20	—0,353	+30,4	— 6,88	—18,9	—3	+2	1812	35 0,9115	1 29,276
30	—0,044	+31,0	— 8,67	—16,6	—3	+2	1813	35 3,8599	1 17,459
Febr. 9	+0,266	+30,7	—10,19	—13,6	—3	+2	1814	35 6,8083	1 5,646
							1815	35 9,7568	0 53,836
19	+0,570	+29,8	—11,39	—10,3	—3	+2	1816	35 12,7053	0 42,030
Mart. 1	+0,861	+28,3	—12,25	— 6,7	—3	+1	1817	35 15,6539	0 30,227
11	+1,135	+26,4	—12,73	— 3,1	—2	+1	1818	35 18,6026	0 18,428
21	+1,389	+24,2	—12,86	+ 0,5	—2	+1	1819	35 21,5513	0 6,632
31	+1,619	+21,8	—12,64	+ 3,8	—2	+1	1820	35 24,5001	6 59 54,840
							1821	35 27,4489	59 43,051
Apr. 10	+1,824	+19,2	—12,11	+ 6,7	—1	+1	1822	35 30,3978	59 31,266
20	+2,003	+16,6	—11,31	+ 9,1	—1	+1	1823	35 33,3468	59 19,484
30	+2,156	+13,9	—10,30	+10,9	0	+1	1824	35 36,2958	59 7,706
Maj. 10	+2,280	+11,1	— 9,13	+12,2	0	+1	1825	35 39,2450	58 55,930
20	+2,377	+ 8,2	— 7,86	+12,9	+1	+1	1826	35 42,1942	58 44,159
							1827	35 45,1434	58 32,391
30	+2,443	+ 5,2	— 6,55	+13,2	+1	+1	1828	35 48,0927	58 20,627
Jun. 9	+2,481	+ 2,3	— 5,23	+13,0	+1	+1	1829	35 51,0421	58 8,866
19	+2,489	— 0,8	— 3,96	+12,3	+2	+1	1830	35 53,9914	57 57,108
29	+2,466	— 3,7	— 2,78	+11,3	+2	+1			
Jul. 9	+2,415	— 6,6	— 1,71	+10,0	+2	+1			
19	+2,335	— 9,2	— 0,78	+ 8,5	+3	+1			
29	+2,231	—11,5	— 0,01	+ 6,9	+3	+1			
Aug. 8	+2,105	—13,5	+ 0,59	+ 5,1	+3	+1			
18	+1,962	—14,8	+ 1,01	+ 3,2	+3	+1			
28	+1,810	—15,4	+ 1,23	+ 1,2	+3	+1			
Sept. 7	+1,654	—15,3	+ 1,24	— 1,0	+3	+2			
17	+1,504	—14,3	+ 1,04	— 3,2	+3	+2			
27	+1,368	—12,5	+ 0,61	— 5,5	+3	+2			
Oct. 7	+1,254	— 9,8	— 0,05	— 7,8	+2	+2			
17	+1,172	— 6,3	— 0,95	—10,3	+2	+3			
27	+1,128	— 2,1	— 2,10	—12,8	+1	+3			
Nov. 6	+1,130	+ 2,6	— 3,50	—15,1	+1	+3			
16	+1,179	+ 7,5	— 5,12	—17,2	+1	+4			
26	+1,279	+12,4	— 6,94	—19,1	0	+4			
Dec. 6	+1,427	+17,1	— 8,93	—20,6	0	+4			
16	+1,620	+21,3	—11,05	—21,5	—1	+5			
26	+1,853	+24,9	—13,22	—21,7	—1	+5			
36	+2,118	+27,8	—15,38	—21,3	—2	+5			

Diei reducto addendum est:

ante / post } Nov. 18 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Scorpii.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1810	Jan. 0	16 17 47,154	—25 59 49,59
	Apr. 10	47,047	49,10
	Jul. 19	46,937	48,68
	Oct. 27	46,824	48,32
	Dec. 66	46,709	48,03
1811	Jan. 0	16 17 50,408	—25 59 56,81
	Apr. 10	50,291	56,57
	Jul. 19	50,176	56,40
	Oct. 27	50,062	56,30
	Dec. 66	49,948	56,28
1812	Jan. 1	16 17 53,645	—26 0 4,97
	Apr. 10	53,534	5,00
	Jul. 19	53,427	5,11
	Oct. 27	53,324	5,29
	Dec. 66	53,226	5,55
1813	Jan. 0	16 17 56,918	—26 0 14,14
	Apr. 10	56,824	14,44
	Jul. 19	56,738	14,81
	Oct. 27	56,659	15,24
	Dec. 66	56,588	15,74
1814	Jan. 0	16 18 0,271	—26 0 24,25
	Apr. 10	0,206	24,78
	Jul. 19	0,150	25,36
	Oct. 27	0,104	25,99
	Dec. 66	0,068	26,67
1815	Jan. 0	16 18 3,739	—26 0 35,11
	Apr. 10	3,710	35,81
	Jul. 19	3,691	36,54
	Oct. 27	3,682	37,29
	Dec. 66	3,683	38,06
1816	Jan. 1	16 18 7,342	—26 0 46,47
	Apr. 10	7,350	47,25
	Jul. 19	7,369	48,04
	Oct. 27	7,397	48,83
	Dec. 66	7,436	49,61
1817	Jan. 0	16 18 11,083	—26 0 58,01
	Apr. 10	11,128	58,79
	Jul. 19	11,181	59,55
	Oct. 27	11,243	1 0,28
	Dec. 66	11,313	0,99
1818	Jan. 0	16 18 14,949	—26 1 9,42
	Apr. 10	15,025	10,11
	Jul. 19	15,107	10,75
	Oct. 27	15,195	11,35
	Dec. 66	15,239	11,90
1819	Jan. 0	16 18 18,917	—26 1 20,38
	Apr. 10	19,015	20,90
	Jul. 19	19,116	21,37
	Oct. 27	19,221	21,78
	Dec. 66	19,329	22,13
1820	Jan. 1	16 18 22,954	—26 1 30,67
	Apr. 10	23,063	30,97
	Jul. 19	23,173	31,21
	Oct. 27	23,283	31,38
	Dec. 66	23,394	31,49
1821	Jan. 0	16 18 27,018	—26 1 40,11
	Apr. 10	27,127	40,18
	Jul. 19	27,234	40,15
	Oct. 27	27,338	40,06
	Dec. 66	27,439	39,91
1822	Jan. 0	16 18 31,067	—26 1 48,61
	Apr. 10	31,165	48,41
	Jul. 19	31,257	48,14
	Oct. 27	31,344	47,81
	Dec. 66	31,425	47,41
1823	Jan. 0	16 18 35,060	—26 1 56,19
	Apr. 10	35,136	55,75
	Jul. 19	35,204	55,26
	Oct. 27	35,264	54,71
	Dec. 66	35,316	54,11
1824	Jan. 1	16 18 38,960	—26 2 2,95
	Apr. 10	39,005	2,32
	Jul. 19	39,041	1,65
	Oct. 27	39,066	0,94
	Dec. 66	39,082	0,20
1825	Jan. 0	16 18 42,739	—26 2 9,08
	Apr. 10	42,748	8,32
	Jul. 19	42,746	7,55
	Oct. 27	42,733	6,77
	Dec. 66	42,710	5,97
1826	Jan. 0	16 18 46,381	—26 2 14,86
	Apr. 10	46,351	14,06
	Jul. 19	46,311	13,27
	Oct. 27	46,261	12,49
	Dec. 66	46,201	11,72
1827	Jan. 0	16 18 49,884	—26 2 20,59
	Apr. 10	49,818	19,84
	Jul. 19	49,744	19,12
	Oct. 27	49,662	18,44
	Dec. 66	49,573	17,80
1828	Jan. 1	16 18 53,266	—26 2 26,62
	Apr. 10	53,171	26,01
	Jul. 19	53,071	25,46
	Oct. 27	52,967	24,96
	Dec. 66	52,857	24,52
1829	Jan. 0	16 18 56,556	—26 2 33,27
	Apr. 10	56,444	32,87
	Jul. 19	56,331	32,54
	Oct. 27	56,215	32,29
	Dec. 66	56,099	32,10

Tabulae X. Sect. IV. *a Scorpii.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	−1,196	+27,6	+ 4,19	− 4,7	−3	−1	1810	16 17 46,6100	−25 59 56,269
10	−0,904	+30,5	+ 3,64	− 6,3	−3	−1	1811	17 50,2694	−26 0 4,964
20	−0,587	+32,5	+ 2,94	− 7,6	−3	0	1812	17 53,9289	0 13,654
30	−0,255	+33,6	+ 2,13	− 8,5	−4	0	1813	17 57,5886	0 22,339
Febr. 9	+0,085	+34,0	+ 1,25	− 9,0	−4	+1	1814	18 1,2484	0 31,020
							1815	18 4,9084	0 39,695
19	+0,425	+33,7	+ 0,33	− 9,2	−4	+1	1816	18 8,5686	0 48,366
Mart. 1	+0,759	+32,9	− 0,59	− 9,1	−3	+2	1817	18 12,2289	0 57,032
11	+1,082	+31,6	− 1,48	− 8,7	−3	+2	1818	18 15,8894	1 5,693
21	+1,391	+30,0	− 2,32	− 8,1	−3	+3	1819	18 19,5500	1 14,349
31	+1,681	+28,0	− 3,10	− 7,5	−2	+3	1820	18 23,2108	1 23,000
							1821	18 26,8717	1 31,646
Apr. 10	+1,951	+25,9	− 3,81	− 6,8	−2	+3	1822	18 30,5328	1 40,288
20	+2,199	+23,6	− 4,46	− 6,2	−1	+4	1823	18 34,1941	1 48,925
30	+2,422	+20,9	− 5,04	− 5,6	−1	+4	1824	18 37,8555	1 57,557
Maj. 10	+2,617	+18,1	− 5,57	− 5,1	0	+4	1825	18 41,5170	2 6,184
20	+2,783	+15,0	− 6,06	− 4,7	+1	+4	1826	18 45,1787	2 14,806
							1827	18 48,8406	2 23,423
30	+2,917	+11,7	− 6,50	− 4,3	+1	+4	1828	18 52,5026	2 32,036
Jun. 9	+3,017	+ 8,2	− 6,91	− 3,9	+2	+4	1829	18 56,1648	2 40,644
19	+3,080	+ 4,4	− 7,27	− 3,4	+2	+4	1830	18 59,8272	2 49,247
29	+3,105	+ 0,6	− 7,59	− 3,0	+3	+4			
Jul. 9	+3,092	− 3,2	− 7,86	− 2,4	+4	+4			
19	+3,041	− 6,9	− 8,06	− 1,6	+4	+4			
29	+2,955	−10,3	− 8,17	− 0,7	+4	+3			
Aug. 8	+2,836	−13,2	− 8,20	+ 0,3	+4	+3			
18	+2,691	−15,5	− 8,12	+ 1,4	+5	+3			
28	+2,526	−17,0	− 7,93	+ 2,5	+5	+2			
Sept. 7	+2,351	−17,6	− 7,63	+ 3,5	+5	+2			
17	+2,174	−17,2	− 7,24	+ 4,4	+4	+2			
27	+2,008	−15,7	− 6,76	+ 5,1	+4	+2			
Oct. 7	+1,861	−13,1	− 6,22	+ 5,5	+4	+1			
17	+1,746	− 9,6	− 5,66	+ 5,6	+3	+1			
27	+1,670	− 5,2	− 5,11	+ 5,3	+3	+1			
Nov. 6	+1,642	− 0,2	− 4,61	+ 4,5	+2	+1			
16	+1,666	+ 5,2	− 4,21	+ 3,3	+2	+2			
26	+1,746	+10,7	− 3,95	+ 1,8	+1	+2			
Dec. 6	+1,880	+16,1	− 3,85	+ 0,1	0	+2			
16	+2,067	+21,0	− 3,93	− 1,8	0	+3			
26	+2,299	+25,2	− 4,20	− 3,6	−1	+3			
36	+2,571	+28,8	− 4,64	− 5,3	−1	+4			

Diei reducto addendum est:

ante } Nov. 28 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Herculis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	17 5 59,613	+14 37 4,51	1820	Jan. 1	17 6 26,569	+14 36 2,02
	Apr. 10	59,530	4,90		Apr. 10	26,651	1,83
	Jul. 19	59,446	5,22		Jul. 19	26,733	1,72
	Oct. 27	59,360	5,46		Oct. 27	26,814	1,67
	Dec. 66	59,273	5,63		Dec. 66	26,894	1,69
1811	Jan. 0	17 6 2,032	+14 37 0,93	1821	Jan. 0	17 6 29,598	+14 35 57,07
	Apr. 10	1,946	1,04		Apr. 10	29,677	57,14
	Jul. 19	1,862	1,08		Jul. 19	29,753	57,29
	Oct. 27	1,779	1,04		Oct. 27	29,826	57,50
	Dec. 66	1,698	0,93		Dec. 66	29,895	57,79
1812	Jan. 1	17 6 4,455	+14 36 56,33	1822	Jan. 0	17 6 32,602	+14 35 53,07
	Apr. 10	4,376	56,16		Apr. 10	32,669	53,40
	Jul. 19	4,301	55,91		Jul. 19	32,731	53,80
	Oct. 27	4,231	55,60		Oct. 27	32,788	54,25
	Dec. 66	4,166	55,21		Dec. 66	32,839	54,77
1813	Jan. 0	17 6 6,917	+14 36 50,70	1823	Jan. 0	17 6 35,553	+14 35 49,99
	Apr. 10	6,855	50,27		Apr. 10	35,600	50,55
	Jul. 19	6,800	49,78		Jul. 19	35,641	51,15
	Oct. 27	6,751	49,22		Oct. 27	35,675	51,80
	Dec. 66	6,708	48,61		Dec. 66	35,702	52,50
1814	Jan. 0	17 6 9,452	+14 36 44,18	1824	Jan. 1	17 6 38,424	+14 35 47,66
	Apr. 10	9,414	43,53		Apr. 10	38,446	48,38
	Jul. 19	9,383	42,85		Jul. 19	38,461	49,13
	Oct. 27	9,360	42,13		Oct. 27	38,468	49,91
	Dec. 66	9,345	41,37		Dec. 66	38,468	50,71
1815	Jan. 0	17 6 12,079	+14 36 37,00	1825	Jan. 0	17 6 41,200	+14 35 45,85
	Apr. 10	12,069	36,22		Apr. 10	41,194	46,66
	Jul. 19	12,067	35,43		Jul. 19	41,181	47,47
	Oct. 27	12,073	34,63		Oct. 27	41,160	48,29
	Dec. 66	12,086	33,81		Dec. 66	41,131	49,11
1816	Jan. 1	17 6 14,811	+14 36 29,45	1826	Jan. 0	17 6 43,872	+14 35 44,24
	Apr. 10	14,829	28,63		Apr. 10	43,838	45,05
	Jul. 19	14,854	27,82		Jul. 19	43,798	45,84
	Oct. 27	14,887	27,03		Oct. 27	43,750	46,60
	Dec. 66	14,927	26,24		Dec. 66	43,696	47,34
1817	Jan. 0	17 6 17,643	+14 36 21,87	1827	Jan. 0	17 6 46,446	+14 35 42,51
	Apr. 10	17,687	21,10		Apr. 10	46,388	43,22
	Jul. 19	17,736	20,37		Jul. 19	46,324	43,89
	Oct. 27	17,792	19,67		Oct. 27	46,255	44,51
	Dec. 66	17,853	19,01		Dec. 66	46,181	45,08
1818	Jan. 0	17 6 20,562	+14 36 14,60	1828	Jan. 1	17 6 48,937	+14 35 40,31
	Apr. 10	20,627	13,97		Apr. 10	48,860	40,84
	Jul. 19	20,695	13,39		Jul. 19	48,781	41,31
	Oct. 27	20,767	12,86		Oct. 27	48,699	41,71
	Dec. 66	20,842	12,38		Dec. 66	48,614	42,05
1819	Jan. 0	17 6 23,547	+14 36 7,91	1829	Jan. 0	17 6 51,373	+14 35 37,36
	Apr. 10	23,625	7,48		Apr. 10	51,287	37,63
	Jul. 19	23,704	7,11		Jul. 19	51,202	37,85
	Oct. 27	23,784	6,81		Oct. 27	51,116	37,97
	Dec. 66	23,866	6,57		Dec. 66	51,031	38,04

Tabulae X. Sect. IV. *α Herculis.*

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	−1,264	+19,2	− 2,81	−23,5	−1	+1
10	−1,054	+22,6	− 5,13	−22,6	−1	+1
20	−0,812	+25,4	− 7,33	−21,0	−2	+1
30	−0,547	+27,4	− 9,32	−18,5	−2	+1
Febr. 9	−0,265	+28,7	−11,02	−15,3	−2	+1
19	+0,027	+29,4	−12,37	−11,5	−3	+1
Mart. 1	+0,322	+29,5	−13,32	− 7,4	−3	+1
11	+0,617	+29,1	−13,84	− 3,0	−3	+1
21	+0,904	+28,3	−13,92	+ 1,4	−2	+1
31	+1,182	+27,1	−13,56	+ 5,6	−2	+1
Apr. 10	+1,445	+25,5	−12,81	+ 9,4	−2	+1
20	+1,691	+23,6	−11,69	+12,7	−2	+1
30	+1,916	+21,4	−10,27	+15,4	−1	+1
Maj. 10	+2,118	+18,9	− 8,61	+17,5	−1	+1
20	+2,293	+16,0	− 6,77	+18,9	−1	+1
30	+2,437	+12,9	− 4,84	+19,5	0	+1
Jun. 9	+2,550	+ 9,5	− 2,87	+19,6	0	+1
19	+2,627	+ 5,9	− 0,93	+19,0	+1	+1
29	+2,668	+ 2,2	+ 0,93	+18,0	+1	+1
Jul. 9	+2,671	− 1,6	+ 2,66	+16,5	+1	+1
19	+2,637	− 5,3	+ 4,22	+14,6	+2	+1
29	+2,566	− 8,8	+ 5,57	+12,4	+2	+1
Aug. 8	+2,461	−12,0	+ 6,70	+10,0	+2	+1
18	+2,327	−14,6	+ 7,57	+ 7,5	+2	+2
28	+2,169	−16,6	+ 8,19	+ 4,8	+3	+2
Sept. 7	+1,995	−17,9	+ 8,52	+ 1,9	+3	+2
17	+1,811	−18,3	+ 8,57	− 1,0	+3	+2
27	+1,629	−17,7	+ 8,33	− 3,9	+3	+2
Oct. 7	+1,457	−16,2	+ 7,79	− 6,9	+3	+3
17	+1,305	−13,8	+ 6,96	− 9,8	+2	+3
27	+1,182	−10,5	+ 5,83	−12,7	+2	+3
Nov. 6	+1,095	− 6,6	+ 4,42	−15,5	+2	+4
16	+1,051	− 2,0	+ 2,73	−18,1	+1	+4
26	+1,055	+ 2,8	+ 0,81	−20,2	+1	+4
Dec. 6	+1,107	+ 7,7	− 1,31	−22,0	+1	+4
16	+1,208	+12,4	− 3,58	−23,1	0	+4
26	+1,354	+16,7	− 5,93	−23,6	0	+5
36	+1,541	+20,6	− 8,29	−23,3	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	17 5 59,3309	+14 36 56,778
1811	6 2,0610	36 52,128
1812	6 4,7911	36 47,482
1813	6 7,5213	36 42,840
1814	6 10,2515	36 38,201
1815	6 12,9817	36 33,566
1816	6 15,7120	36 28,935
1817	6 18,4423	36 24,308
1818	6 21,1726	36 19,685
1819	6 23,9030	36 15,065
1820	6 26,6334	36 10,450
1821	6 29,3639	36 5,839
1822	6 32,0944	36 1,231
1823	6 34,8249	35 56,627
1824	6 37,5554	35 52,027
1825	6 40,2860	35 47,431
1826	6 43,0166	35 42,839
1827	6 45,7473	35 38,251
1828	6 48,4780	35 33,667
1829	6 51,2088	35 29,086
1830	6 53,9396	35 24,509

Diei reducto addendum est:

ante / post } Dec. 9 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Ophiuchi.*

1810	Jan. 0	17h 26′ 7″,468	+12° 42′ 35″,18
	Apr. 10	7,384	35,52
	Jul. 19	7,299	35,79
	Oct. 27	7,212	35,98
	Dec. 66	7,124	36,09
1811	Jan. 0	17 26 9,930	+12 42 32,90
	Apr. 10	9,843	32,96
	Jul. 19	9,757	32,94
	Oct. 27	9,673	32,84
	Dec. 66	9,590	32,67
1812	Jan. 1	17 26 12,393	+12 42 29,58
	Apr. 10	12,313	29,35
	Jul. 19	12,237	29,06
	Oct. 27	12,165	28,69
	Dec. 66	12,097	28,25
1813	Jan. 0	17 26 14,896	+12 42 25,25
	Apr. 10	14,832	24,76
	Jul. 19	14,774	24,22
	Oct. 27	14,723	23,62
	Dec. 66	14,679	22,97
1814	Jan. 0	17 26 17,470	+12 42 20,05
	Apr. 10	17,430	19,37
	Jul. 19	17,397	18,65
	Oct. 27	17,372	17,90
	Dec. 66	17,355	17,11
1815	Jan. 0	17 26 20,137	+12 42 14,23
	Apr. 10	20,125	13,43
	Jul. 19	20,121	12,62
	Oct. 27	20,125	11,81
	Dec. 66	20,137	10,98
1816	Jan. 1	17 26 22,909	+12 42 8,11
	Apr. 10	22,926	7,29
	Jul. 19	22,958	6,48
	Oct. 27	22,981	5,69
	Dec. 66	23,020	4,92
1817	Jan. 0	17 26 25,783	+12 42 2,04
	Apr. 10	25,827	1,28
	Jul. 19	25,876	0,57
	Oct. 27	25,931	41 59,89
	Dec. 66	25,992	59,25
1818	Jan. 0	17 26 28,748	+12 41 56,33
	Apr. 10	28,812	55,72
	Jul. 19	28,880	55,17
	Oct. 27	28,952	54,68
	Dec. 66	29,029	54,25
1819	Jan. 0	17 26 31,779	+12 41 51,26
	Apr. 10	31,858	50,87
	Jul. 19	31,938	50,54
	Oct. 27	32,019	50,29
	Dec. 66	32,102	50,10
1820	Jan. 1	17h 26′ 34″,851	+12° 41′ 47″,03
	Apr. 10	34,935	46,89
	Jul. 19	35,018	46,82
	Oct. 27	35,100	46,82
	Dec. 66	35,181	46,90
1821	Jan. 0	17 26 37,931	+12 41 43,75
	Apr. 10	38,012	43,87
	Jul. 19	38,089	44,07
	Oct. 27	38,163	44,34
	Dec. 66	38,234	44,68
1822	Jan. 0	17 26 40,988	+12 41 41,44
	Apr. 10	41,007	41,82
	Jul. 19	41,020	42,27
	Oct. 27	41,129	42,77
	Dec. 66	41,232	43,33
1823	Jan. 0	17 26 43,992	+12 41 40,02
	Apr. 10	44,041	40,62
	Jul. 19	44,084	41,26
	Oct. 27	44,120	41,95
	Dec. 66	44,149	42,68
1824	Jan. 1	17 26 46,917	+12 41 39,32
	Apr. 10	46,941	40,07
	Jul. 19	46,958	40,85
	Oct. 27	46,967	41,64
	Dec. 66	46,968	42,46
1825	Jan. 0	17 26 49,745	+12 41 39,08
	Apr. 10	49,741	39,91
	Jul. 19	49,729	40,73
	Oct. 27	49,709	41,55
	Dec. 66	49,682	42,36
1826	Jan. 0	17 26 52,469	+12 41 38,99
	Apr. 10	52,436	39,80
	Jul. 19	52,396	40,57
	Oct. 27	52,350	41,32
	Dec. 66	52,296	42,03
1827	Jan. 0	17 26 55,092	+12 41 38,70
	Apr. 10	55,034	39,39
	Jul. 19	54,970	40,02
	Oct. 27	54,901	40,61
	Dec. 66	54,827	41,14
1828	Jan. 1	17 26 57,630	+12 41 37,87
	Apr. 10	57,553	38,36
	Jul. 19	57,473	38,79
	Oct. 27	57,390	39,14
	Dec. 66	57,303	39,43
1829	Jan. 0	17 27 0,110	+12 41 36,25
	Apr. 10	0,024	36,48
	Jul. 19	26 59,937	36,64
	Oct. 27	59,850	36,72
	Dec. 66	59,763	36,72

Tabulae X. Sect. IV. *α Ophiuchi.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,293	+17,4	− 2,18	−22,4	−1	+1	1810	17 26 7,1654	+12 42 27,104
10	−1,100	+20,9	− 4,40	−21,7	−1	+1	1811	26 9,9420	42 23,942
20	−0,875	+23,8	− 6,52	−20,3	−2	+1	1812	26 12,7186	42 20,783
30	−0,624	+26,1	− 8,45	−18,1	−2	+1	1813	26 15,4953	42 17,629
Febr. 9	−0,353	+27,7	−10,13	−15,2	−2	+1	1814	26 18,2721	42 14,478
							1815	26 21,0488	42 11,332
19	−0,070	+28,7	−11,48	−11,6	−2	+1	1816	26 23,8256	42 8,190
Mart. 1	+0,221	+29,2	−12,45	− 7,5	−3	+1	1817	26 26,6024	42 5,051
11	+0,513	+29,1	−13,02	− 3,6	−3	+1	1818	26 29,3792	42 1,917
21	+0,802	+28,6	−13,16	+ 0,7	−2	+1	1819	26 32,1560	41 58,786
31	+1,084	+27,7	−12,88	+ 4,8	−2	+1	1820	26 34,9329	41 55,660
							1821	26 37,7098	41 52,538
Apr. 10	+1,356	+26,5	−12,20	+ 8,6	−2	+1	1822	26 40,4868	41 49,419
20	+1,613	+24,8	−11,16	+11,9	−2	+1	1823	26 43,2638	41 46,305
30	+1,852	+22,9	− 9,82	+14,7	−2	+1	1824	26 46,0409	41 43,194
Maj. 10	+2,070	+20,5	− 8,23	+16,8	−1	+1	1825	26 48,8180	41 40,088
20	+2,262	+17,9	− 6,47	+18,2	−1	+1	1826	26 51,5951	41 36,985
							1827	26 54,3723	41 33,887
30	+2,427	+14,9	− 4,59	+19,1	0	+1	1828	26 57,1495	41 30,792
Jun. 9	+2,559	+11,5	− 2,66	+19,2	0	+1	1829	26 59,9267	41 27,702
19	+2,657	+ 8,0	− 0,75	+18,8	0	+1	1830	27 2,7039	41 24,615
29	+2,718	+ 4,2	+ 1,09	+17,9	+1	+1			
Jul. 9	+2,740	+ 0,3	+ 2,82	+16,5	+1	+1			
19	+2,723	− 3,6	+ 4,39	+14,8	+2	+1			
29	+2,668	− 7,3	+ 5,77	+12,7	+2	+2			
Aug. 8	+2,578	−10,7	+ 6,93	+10,5	+2	+2			
18	+2,455	−13,6	+ 7,86	+ 8,1	+2	+2			
28	+2,306	−15,9	+ 8,55	+ 5,5	+3	+2			
Sept. 7	+2,137	−17,5	+ 8,96	+ 2,8	+3	+2			
17	+1,956	−18,2	+ 9,11	+ 0,2	+3	+3			
27	+1,773	−18,0	+ 8,99	− 2,7	+3	+3			
Oct. 7	+1,597	−16,8	+ 8,58	− 5,6	+3	+3			
17	+1,438	−14,6	+ 7,88	− 8,4	+2	+3			
27	+1,305	−11,6	+ 6,91	−11,2	+2	+4			
Nov. 6	+1,207	− 7,7	+ 5,65	−14,0	+2	+4			
16	+1,149	− 3,5	+ 4,12	−16,4	+2	+4			
26	+1,136	+ 1,1	+ 2,38	−18,5	+1	+4			
Dec. 6	+1,171	+ 5,9	+ 0,42	−20,4	+1	+5			
16	+1,254	+10,6	− 1,69	−21,7	0	+5			
26	+1,382	+14,9	− 3,91	−22,3	0	+5			
36	+1,552	+18,8	− 6,15	−22,2	−1	+5			

Diei reducto addendum est:

ante / post } Dec. 13 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Lyrae.*

1810	Jan. 0	18 30 30,678	+38 36 57,04		1820	Jan. 1	18 30 50,545	+38 37 8,92	
	Apr. 10	30,619	57,21			Apr. 10	50,605	8,95	
	Jul. 19	30,558	57,31			Jul. 19	50,666	9,05	
	Oct. 27	30,496	57,32			Oct. 27	50,726	9,22	
	Dec. 66	30,432	57,26			Dec. 66	50,787	9,46	
1811	Jan. 0	18 30 32,483	+38 37 0,22		1821	Jan. 0	18 30 52,797	+38 37 12,34	
	Apr. 10	32,420	0,11			Apr. 10	52,857	12,63	
	Jul. 19	32,356	36 59,92			Jul. 19	52,916	12,98	
	Oct. 27	32,293	59,65			Oct. 27	52,973	13,40	
	Dec. 66	32,231	59,30			Dec. 66	53,028	13,89	
1812	Jan. 1	18 30 34,281	+38 37 2,36		1822	Jan. 0	18 30 55,040	+38 37 16,68	
	Apr. 10	34,220	1,97			Apr. 10	55,094	17,21	
	Jul. 19	34,162	1,52			Jul. 19	55,144	17,78	
	Oct. 27	34,105	1,01			Oct. 27	55,192	18,40	
	Dec. 66	34,051	0,42			Dec. 66	55,236	19,08	
1813	Jan. 0	18 30 36,098	+38 37 3,56		1823	Jan. 0	18 30 57,251	+38 37 21,82	
	Apr. 10	36,047	2,95			Apr. 10	57,293	22,52	
	Jul. 19	36,000	2,29			Jul. 19	57,330	23,25	
	Oct. 27	35,957	1,58			Oct. 27	57,362	24,01	
	Dec. 66	35,919	0,83			Dec. 66	57,390	24,81	
1814	Jan. 0	18 30 37,961	+38 37 4,03		1824	Jan. 1	18 30 59,412	+38 37 27,51	
	Apr. 10	37,925	3,26			Apr. 10	59,436	28,32	
	Jul. 19	37,895	2,48			Jul. 19	59,455	29,13	
	Oct. 27	37,870	1,67			Oct. 27	59,469	29,95	
	Dec. 66	37,851	0,85			Dec. 66	59,477	30,77	
1815	Jan. 0	18 30 39,887	+38 37 4,07		1825	Jan. 0	18 31 1,505	+38 37 33,47	
	Apr. 10	39,871	3,24			Apr. 10	1,509	34,29	
	Jul. 19	39,861	2,42			Jul. 19	1,507	35,10	
	Oct. 27	39,857	1,61			Oct. 27	1,500	35,88	
	Dec. 66	39,858	0,80			Dec. 66	1,487	36,65	
1816	Jan. 1	18 30 41,887	+38 37 4,02		1826	Jan. 0	18 31 3,522	+38 37 39,37	
	Apr. 10	41,892	3,22			Apr. 10	3,505	40,11	
	Jul. 19	41,903	2,46			Jul. 19	3,482	40,81	
	Oct. 27	41,919	1,73			Oct. 27	3,454	41,47	
	Dec. 66	41,941	1,03			Dec. 66	3,421	42,08	
1817	Jan. 0	18 30 43,963	+38 37 4,21		1827	Jan. 0	18 31 5,463	+38 37 44,86	
	Apr. 10	43,988	3,54			Apr. 10	5,426	45,44	
	Jul. 19	44,018	2,92			Jul. 19	5,385	45,95	
	Oct. 27	44,053	2,35			Oct. 27	5,340	46,40	
	Dec. 66	44,092	1,83			Dec. 66	5,290	46,79	
1818	Jan. 0	18 30 46,108	+38 37 4,95		1828	Jan. 1	18 31 7,337	+38 37 49,65	
	Apr. 10	46,150	4,47			Apr. 10	7,285	49,99	
	Jul. 19	46,196	4,06			Jul. 19	7,230	50,25	
	Oct. 27	46,244	3,71			Oct. 27	7,172	50,44	
	Dec. 66	46,296	3,43			Dec. 66	7,111	50,55	
1819	Jan. 0	18 30 48,308	+38 37 6,47		1829	Jan. 0	18 31 9,162	+38 37 53,51	
	Apr. 10	48,362	6,23			Apr. 10	9,100	53,57	
	Jul. 19	48,418	6,07			Jul. 19	9,037	53,55	
	Oct. 27	48,475	5,98			Oct. 27	8,974	53,45	
	Dec. 66	48,534	5,96			Dec. 66	8,911	53,28	

Tabulae X. Sect. IV. *α Lyrae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,701	+ 8,8	− 0,85	−31,2	0	+2	1810	18 30 30,3837	+38 36 48,298
10	−1,588	+13,8	− 3,98	−30,8	−1	+2	1811	30 32,4134	36 51,232
20	−1,426	+18,4	− 7,01	−29,4	−1	+2	1812	30 34,4431	36 54,169
30	−1,221	+22,4	− 9,85	−26,9	−1	+2	1813	30 36,4728	36 57,109
Febr. 9	−0,979	+25,8	−12,38	−23,3	−2	+2	1814	30 38,5026	37 0,052
							1815	30 40,5324	37 2,998
19	−0,705	+28,7	−14,50	−18,8	−2	+2	1816	30 42,5622	37 5,947
Mart. 1	−0,406	+30,9	−16,14	−13,7	−2	+1	1817	30 44,5920	37 8,899
11	−0,088	+32,4	−17,23	− 8,0	−2	+1	1818	30 46,6218	37 11,854
21	+0,241	+33,2	−17,74	− 2,1	−2	+1	1819	30 48,6516	37 14,811
31	+0,575	+33,4	−17,64	+ 3,9	−2	0	1820	30 50,6815	37 17,770
							1821	30 52,7114	37 20,733
Apr. 10	+0,908	+32,8	−16,96	+ 9,6	−2	0	1822	30 54,7413	37 23,699
20	+1,231	+31,6	−15,73	+14,9	−2	0	1823	30 56,7712	37 26,668
30	+1,540	+29,8	−13,99	+19,5	−2	0	1824	30 58,8011	37 29,640
Maj. 10	+1,827	+27,4	−11,83	+23,4	−2	0	1825	31 0,8310	37 32,616
20	+2,087	+24,3	− 9,32	+26,5	−1	0	1826	31 2,8610	37 35,594
							1827	31 4,8910	37 38,574
30	+2,312	+20,7	− 6,53	+28,7	−1	0	1828	31 6,9210	37 41,558
Jun. 9	+2,500	+16,6	− 3,57	+30,0	0	0	1829	31 8,9510	37 44,545
19	+2,643	+12,0	− 0,53	+30,5	0	0	1830	31 10,9810	37 47,534
29	+2,740	+ 7,3	+ 2,52	+30,1	0	0			
Jul. 9	+2,788	+ 2,3	+ 5,49	+29,0	+1	0			
19	+2,785	− 2,8	+ 8,31	+27,2	+1	0			
29	+2,733	− 7,7	+10,92	+24,8	+1	0			
Aug. 8	+2,632	−12,3	+13,26	+21,8	+2	+1			
18	+2,487	−16,5	+15,28	+18,4	+2	+1			
28	+2,303	−20,0	+16,94	+14,7	+2	+1			
Sept. 7	+2,087	−22,8	+18,21	+10,6	+2	+1			
17	+1,848	−24,7	+19,06	+ 6,3	+2	+2			
27	+1,594	−25,6	+19,47	+ 1,8	+2	+2			
Oct. 7	+1,337	−25,4	+19,42	− 2,8	+2	+3			
17	+1,087	−24,2	+18,92	− 7,3	+2	+3			
27	+0,854	−21,9	+17,96	−11,9	+2	+3			
Nov. 6	+0,649	−18,7	+16,55	−16,3	+2	+4			
16	+0,480	−14,7	+14,71	−20,4	+2	+4			
26	+0,355	−10,1	+12,48	−24,0	+1	+4			
Dec. 6	+0,279	− 5,1	+ 9,92	−27,0	+1	+5			
16	+0,254	+ 0,2	+ 7,08	−29,4	+1	+5			
26	+0,283	+ 5,6	+ 4,05	−30,8	0	+5			
36	+0,365	+10,7	+ 0,93	−31,2	0	+5			

Diei reducto addendum est:

ante / post } Dec. 28 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *γ Aquilae.*

		h ′ ″	° ′ ″
1810	Jan. 0	19 37 13,919	+10 9 40,01
	Apr. 10	13,834	39,99
	Jul. 19	13,748	39,90
	Oct. 27	13,659	39,73
	Dec. 66	13,569	39,49
1811	Jan. 0	19 37 16,454	+10 9 47,83
	Apr. 10	16,364	47,54
	Jul. 19	16,275	47,18
	Oct. 27	16,187	46,76
	Dec. 66	16,100	46,27
1812	Jan. 1	19 37 18,983	+10 9 54,70
	Apr. 10	18,898	54,17
	Jul. 19	18,817	53,59
	Oct. 27	18,740	52,96
	Dec. 66	18,666	52,28
1813	Jan. 0	19 37 21,545	+10 10 0,77
	Apr. 10	21,475	0,07
	Jul. 19	21,412	9 59,34
	Oct. 27	21,355	58,58
	Dec. 66	21,304	57,80
1814	Jan. 0	19 37 24,175	+10 10 6,32
	Apr. 10	24,129	5,53
	Jul. 19	24,090	4,73
	Oct. 27	24,059	3,94
	Dec. 66	24,035	3,14
1815	Jan. 0	19 37 26,897	+10 10 11,67
	Apr. 10	26,879	10,88
	Jul. 19	26,869	10,12
	Oct. 27	26,867	9,37
	Dec. 66	26,873	8,65
1816	Jan. 1	19 37 29,726	+10 10 17,16
	Apr. 10	29,738	16,46
	Jul. 19	29,757	15,81
	Oct. 27	29,784	15,20
	Dec. 66	29,819	14,63
1817	Jan. 0	19 37 32,661	+10 10 23,09
	Apr. 10	32,700	22,56
	Jul. 19	32,746	22,09
	Oct. 27	32,798	21,68
	Dec. 66	32,857	21,32
1818	Jan. 0	19 37 35,691	+10 10 29,71
	Apr. 10	35,853	29,41
	Jul. 19	35,820	29,17
	Oct. 27	35,891	29,00
	Dec. 66	35,967	28,89
1819	Jan. 0	19 37 38,796	+10 10 37,20
	Apr. 10	38,874	37,14
	Jul. 19	38,955	37,16
	Oct. 27	39,037	37,24
	Dec. 66	39,122	37,40
1820	Jan. 1	19 37 41,949	+10 10 45,62
	Apr. 10	42,034	45,82
	Jul. 19	42,120	46,09
	Oct. 27	42,205	46,42
	Dec. 66	42,290	46,82
1821	Jan. 0	19 37 45,117	+10 10 54,97
	Apr. 10	45,201	55,40
	Jul. 19	45,282	55,89
	Oct. 27	45,361	56,43
	Dec. 66	45,438	57,03
1822	Jan. 0	19 37 48,268	+10 11 5,12
	Apr. 10	48,341	5,75
	Jul. 19	48,410	6,41
	Oct. 27	48,474	7,11
	Dec. 66	48,534	7,84
1823	Jan. 0	19 37 51,370	+10 11 15,89
	Apr. 10	51,425	16,64
	Jul. 19	51,474	17,40
	Oct. 27	51,516	18,18
	Dec. 66	51,552	18,98
1824	Jan. 1	19 37 54,396	+10 11 27,01
	Apr. 10	54,426	27,80
	Jul. 19	54,449	28,59
	Oct. 27	54,464	29,37
	Dec. 66	54,471	30,13
1825	Jan. 0	19 37 57,324	+10 11 38,18
	Apr. 10	57,326	38,93
	Jul. 19	57,320	39,64
	Oct. 27	57,305	40,32
	Dec. 66	57,282	40,97
1826	Jan. 0	19 38 0,146	+10 11 49,07
	Apr. 10	0,118	49,69
	Jul. 19	0,082	50,25
	Oct. 27	0,039	50,76
	Dec. 66	37 59,988	51,21
1827	Jan. 0	19 38 2,861	+10 11 59,38
	Apr. 10	2,806	59,79
	Jul. 19	2,745	12 0,13
	Oct. 27	2,678	0,40
	Dec. 66	2,605	0,60
1828	Jan. 1	19 38 5,485	+10 12 8,85
	Apr. 10	5,409	9,00
	Jul. 19	5,329	9,08
	Oct. 27	5,246	9,08
	Dec. 66	5,159	9,01
1829	Jan. 0	19 38 8,043	+10 12 17,36
	Apr. 10	7,955	17,23
	Jul. 19	7,866	17,03
	Oct. 27	7,777	16,76
	Dec. 66	7,687	16,41

Tabulae X. Sect. IV. γ *Aquilae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	−1,292	+ 5,1	+ 0,12	−17,1	+1	+1	1810	19 37 13,5462	+ 10 9 31,295
10	−1,222	+ 8,8	− 1,61	−17,3	0	+1	1811	37 16,4013	9 39,546
20	−1,117	+12,2	− 3,34	−16,9	0	+1	1812	37 19,2563	9 47,800
30	−0,978	+15,4	− 4,99	−15,8	−1	+1	1813	37 22,1113	9 56,058
'ebr. 9	−0,809	+18,3	− 6,49	−13,9	−1	+1	1814	37 24,9663	10 4,320
							1815	37 27,8214	10 12,586
19	−0,612	+20,9	− 7,76	−11,3	−2	+1	1816	37 30,6764	10 20,855
[art. 1	−0,391	+23,2	− 8,74	− 8,2	−2	+1	1817	37 33,5314	10 29,128
11	−0,149	+25,2	− 9,39	− 4,6	−2	+1	1818	37 36,3864	10 37,405
21	+0,112	+26,8	− 9,66	− 0,8	−2	+1	1819	37 39,2413	10 45,686
31	+0,386	+28,0	− 9,55	+ 3,1	−3	0	1820	37 42,0963	10 53,970
							1821	37 44,9513	11 2,258
pr. 10	+0,672	+28,9	− 9,05	+ 6,9	−3	0	1822	37 47,8063	11 10,550
20	+0,964	+29,3	− 8,17	+10,5	−3	0	1823	37 50,6612	11 18,846
30	+1,257	+29,2	− 6,95	+13,7	−3	0	1824	37 53,5161	11 27,146
aj. 10	+1,547	+28,5	− 5,44	+16,3	−2	0	1825	37 56,3710	11 35,449
20	+1,827	+27,2	− 3,69	+18,5	−2	0	1826	37 59,2259	11 43,756
							1827	38 2,0808	11 52,067
30	+2,091	+25,3	− 1,75	+20,0	−2	+1	1828	38 4,9357	12 0,382
n. 9	+2,333	+22,9	+ 0,30	+20,8	−1	+1	1829	38 7,7906	12 8,700
19	+2,548	+19,8	+ 2,41	+21,1	−1	+1	1830	38 10,6455	12 17,022
29	+2,728	+16,2	+ 4,51	+20,8	−1	+1			
l. 9	+2,871	+12,2	+ 6,56	+20,0	0	+1			
19	+2,972	+ 7,9	+ 8,50	+18,7	0	+1			
29	+3,029	+ 3,5	+10,29	+17,0	0	+2			
g. 8	+3,041	− 1,0	+11,90	+15,1	+1	+2			
18	+3,010	− 5,2	+13,31	+12,9	+1	+2			
28	+2,938	− 9,0	+14,48	+10,6	+2	+2			
ct. 7	+2,831	−12,2	+15,43	+ 8,2	+2	+3			
17	+2,694	−14,8	+16,12	+ 5,7	+2	+3			
27	+2,535	−16,5	+16,56	+ 3,1	+2	+3			
v. 7	+2,364	−17,3	+16,74	+ 0,6	+3	+3			
17	+2,189	−17,2	+16,67	− 2,1	+3	+4			
27	+2,020	−16,2	+16,33	− 4,6	+3	+4			
c. 6	+1,866	−14,3	+15,75	− 7,1	+2	+4			
16	+1,734	−11,7	+14,91	− 9,6	+2	+4			
26	+1,632	− 8,6	+13,84	−11,8	+2	+4			
n. 6	+1,563	− 5,0	+12,56	−13,8	+2	+5			
16	+1,532	− 1,2	+11,09	−15,4	+1	+5			
26	+1,539	+ 2,7	+ 9,47	−16,6	+1	+5			
36	+1,585	+ 6,5	+ 7,76	−17,3	0	+5			

Diei reducto addendum est:

ante } Jan. 12 { 0
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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Aquilae.*

		α	δ	
1810	Jan. 0	19 41 31,078	+ 8 22 59,55	
	Apr. 10	30,991	59,52	
	Jul. 19	30,903	59,42	
	Oct. 27	30,813	59,24	
	Dec. 66	30,722	58,99	
1811	Jan. 0	19 41 33,682	+ 8 22 48,05	
	Apr. 10	33,590	47,74	
	Jul. 19	33,500	47,37	
	Oct. 27	33,410	46,94	
	Dec. 66	33,322	46,45	
1812	Jan. 1	19 41 36,280	+ 8 22 55,59	
	Apr. 10	36,194	55,05	
	Jul. 19	36,112	54,47	
	Oct. 27	36,034	53,83	
	Dec. 66	35,960	53,15	
1813	Jan. 0	19 41 38,913	+ 8 23 2,36	
	Apr. 10	38,843	1,65	
	Jul. 19	38,779	0,92	
	Oct. 27	38,721	0,16	
	Dec. 66	38,670	22 59,38	
1814	Jan. 0	19 41 41,615	+ 8 23 8,62	
	Apr. 10	41,569	7,83	
	Jul. 19	41,530	7,03	
	Oct. 27	41,499	6,24	
	Dec. 66	41,476	5,45	
1815	Jan. 0	19 41 44,412	+ 8 23 14,69	
	Apr. 10	44,394	13,90	
	Jul. 19	44,384	13,14	
	Oct. 27	44,383	12,40	
	Dec. 66	44,390	11,69	
1816	Jan. 1	19 41 47,316	+ 8 23 20,91	
	Apr. 10	47,328	20,22	
	Jul. 19	47,348	19,58	
	Oct. 27	47,376	18,98	
	Dec. 66	47,412	18,42	
1817	Jan. 0	19 41 50,328	+ 8 23 27,59	
	Apr. 10	50,368	27,07	
	Jul. 19	50,415	26,61	
	Oct. 27	50,468	26,21	
	Dec. 66	50,528	25,88	
1818	Jan. 0	19 41 53,436	+ 8 23 34,97	
	Apr. 10	53,500	34,68	
	Jul. 19	53,568	34,45	
	Oct. 27	53,640	34,29	
	Dec. 66	53,717	34,20	
1819	Jan. 0	19 41 56,620	+ 8 23 43,22	
	Apr. 10	56,699	43,18	
	Jul. 19	56,781	43,20	
	Oct. 27	56,865	43,30	
	Dec. 66	56,951	43,47	
1820	Jan. 1	19 41 59,851	+ 8 23 52,40	
	Apr. 10	59,938	52,6	
	Jul. 19	42 0,024	52,8	
	Oct. 27	0,111	53,2	
	Dec. 66	0,197	53,6	
1821	Jan. 0	19 42 3,097	+ 8 24 2,5	
	Apr. 10	3,182	2,9	
	Jul. 19	3,265	3,4	
	Oct. 27	3,345	3,9	
	Dec. 66	3,422	4,5	
1822	Jan. 0	19 42 6,325	+ 8 24 13,3	
	Apr. 10	6,399	14,0	
	Jul. 19	6,469	14,6	
	Oct. 27	6,533	15,3	
	Dec. 66	6,593	16,1	
1823	Jan. 0	19 42 9,503	+ 8 24 24,8	
	Apr. 10	9,558	25,6	
	Jul. 19	9,607	26,4	
	Oct. 27	9,649	27,1	
	Dec. 66	9,685	27,9	
1824	Jan. 1	19 42 12,603	+ 8 24 36,7	
	Apr. 10	12,633	37,5	
	Jul. 19	12,655	38,3	
	Oct. 27	12,670	39,0	
	Dec. 66	12,677	39,8	
1825	Jan. 0	19 42 15,604	+ 8 24 48,5	
	Apr. 10	15,605	49,3	
	Jul. 19	15,598	50,0	
	Oct. 27	15,583	50,7	
	Dec. 66	15,559	51,3	
1826	Jan. 0	19 42 18,496	+ 8 25 0,1	
	Apr. 10	18,467	0,7	
	Jul. 19	18,431	1,3	
	Oct. 27	18,387	1,8	
	Dec. 66	18,335	2,2	
1827	Jan. 0	19 42 21,281	+ 8 25 11,1	
	Apr. 10	21,225	11,5	
	Jul. 19	21,162	11,8	
	Oct. 27	21,094	12,1	
	Dec. 66	21,020	12,3	
1828	Jan. 1	19 42 23,974	+ 8 25 21,3	
	Apr. 10	23,896	21,4	
	Jul. 19	23,815	21,5	
	Oct. 27	23,730	21,4	
	Dec. 66	23,642	21,4	
1829	Jan. 0	19 42 26,601	+ 8 25 30,4	
	Apr. 10	26,511	30,3	
	Jul. 19	26,421	30,1	
	Oct. 27	26,330	29,8	
	Dec. 66	26,239	29,4	

Tabulae X. Sect. IV. *α Aquilae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
an. 0	—1,278	+ 4,9	+ 0,01	—16,0	+1	+1	1810	19 41 30,7062	+ 8 22 30,867
10	—1,211	+ 8,6	— 1,61	—16,2	0	+1	1811	41 33,6350	22 39,832
20	—1,107	+12,1	— 3,22	—15,8	0	+1	1812	41 36,5638	22 48,801
30	—0,970	+15,2	— 4,76	—14,6	—1	+1	1813	41 39,4926	22 57,774
ebr. 9	—0,803	+18,1	— 6,14	—12,8	—1	+1	1814	41 42,4214	23 6,751
							1815	41 45,3502	23 15,730
19	—0,609	+20,7	— 7,31	—10,4	—2	+1	1816	41 48,2789	23 24,714
Iart. 1	—0,390	+23,0	— 8,21	— 7,4	—2	+1	1817	41 51,2076	23 33,702
11	—0,150	+25,0	— 8,78	— 4,0	—2	+1	1818	41 54,1363	23 42,694
21	+0,109	+26,7	— 9,00	— 0,3	—3	0	1819	41 57,0650	23 51,690
31	+0,383	+28,0	— 8,84	+ 5,5	—3	0	1820	41 59,9937	24 0,690
							1821	42 2,9224	24 9,694
pr. 10	+0,668	+28,9	— 8,31	+ 7,1	—3	0	1822	42 5,8511	24 18,701
20	+0,961	+29,4	— 7,42	+10,5	—3	0	1823	42 8,7798	24 27,712
30	+1,255	+29,3	— 6,21	+13,6	—3	0	1824	42 11,7084	24 36,727
Iaj. 10	+1,547	+28,8	— 4,71	+16,1	—2	0	1825	42 14,6370	24 45,746
20	+1,830	+27,6	— 2,99	+18,1	—2	0	1826	42 17,5656	24 54,769
							1827	42 20,4942	25 3,796
30	+2,098	+25,7	— 1,09	+19,5	—2	+1	1828	42 23,4228	25 12,826
n. 9	+2,344	+23,3	+ 0,91	+20,3	—2	+1	1829	42 26,3514	25 21,860
19	+2,563	+20,3	+ 2,96	+20,5	—1	+1	1830	42 29,2798	25 30,898
29	+2,750	+16,8	+ 5,01	+20,2	—1	+1			
l. 9	+2,898	+12,8	+ 6,99	+19,3	0	+1			
19	+3,005	+ 8,6	+ 8,86	+18,0	0	+2			
29	+3,069	+ 4,1	+10,58	+16,4	0	+2			
ug. 8	+3,087	— 0,4	+12,13	+14,5	+1	+2			
18	+3,062	— 4,5	+13,48	+12,4	+1	+2			
28	+2,997	— 8,4	+14,60	+10,1	+2	+3			
Sept. 7	+2,895	—11,7	+15,50	+ 7,8	+2	+3			
17	+2,763	—14,3	+16,16	+ 5,4	+2	+3			
27	+2,610	—16,1	+16,58	+ 3,0	+2	+3			
Oct. 7	+2,442	—17,0	+16,75	+ 0,6	+3	+4			
17	+2,271	—16,9	+16,69	— 1,9	+3	+4			
27	+2,105	—15,9	+16,38	— 4,3	+3	+4			
Nov. 6	+1,953	—14,2	+15,84	— 6,6	+3	+4			
16	+1,822	—11,6	+15,06	— 8,9	+2	+4			
26	+1,721	— 8,5	+14,07	—11,0	+2	+4			
Dec. 6	+1,652	— 5,0	+12,87	—12,9	+2	+5			
16	+1,621	— 1,3	+11,50	—14,4	+1	+5			
26	+1,627	+ 2,6	+10,00	—15,5	+1	+5			
36	+1,672	+ 6,3	+ 8,40	—16,1	0	+5			

Diei reducto addendum est:

ante / post } Jan. 13 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	19 45 59,140	+ 5 56 34,79	1820	Jan. 1	19 46 28,139	+ 5 57 42,6
	Apr. 10	59,052	34,75		Apr. 10	28,228	42,8
	Jul. 19	58,962	34,64		Jul. 19	28,316	43,1
	Oct. 27	58,870	34,45		Oct. 27	28,404	43,4
	Dec. 66	58,777	34,19		Dec. 66	28,491	43,8
1811	Jan. 0	19 46 1,759	+ 5 56 42,73	1821	Jan. 0	19 46 31,412	+ 5 57 52,2
	Apr. 10	1,665	42,42		Apr. 10	31,499	52,6
	Jul. 19	1,573	42,05		Jul. 19	31,583	53,1
	Oct. 27	1,482	41,61		Oct. 27	31,663	53,7
	Dec. 66	1,393	41,10		Dec. 66	31,741	54,3
1812	Jan. 1	19 46 4,373	+ 5 56 49,73	1822	Jan. 0	19 46 34,666	+ 5 58 2,6
	Apr. 10	4,286	49,19		Apr. 10	34,741	3,2
	Jul. 19	4,203	48,60		Jul. 19	34,812	3,9
	Oct. 27	4,124	47,96		Oct. 27	34,876	4,6
	Dec. 66	4,049	47,27		Dec. 66	34,937	5,3
1813	Jan. 0	19 46 7,024	+ 5 56 55,97	1823	Jan. 0	19 46 37,867	+ 5 58 13,6
	Apr. 10	6,952	55,26		Apr. 10	37,924	14,3
	Jul. 19	6,889	54,52		Jul. 19	37,974	15,1
	Oct. 27	6,831	53,76		Oct. 27	38,015	15,9
	Dec. 66	6,779	52,98		Dec. 66	38,050	16,7
1814	Jan. 0	19 46 9,746	+ 5 57 1,70	1824	Jan. 1	19 46 40,989	+ 5 58 24,9
	Apr. 10	9,700	0,91		Apr. 10	41,019	25,7
	Jul. 19	9,661	0,12		Jul. 19	41,041	26,5
	Oct. 27	9,631	56 59,33		Oct. 27	41,055	27,2
	Dec. 66	9,608	58,54		Dec. 66	41,061	28,0
1815	Jan. 0	19 46 12,565	+ 5 57 7,27	1825	Jan. 0	19 46 44,010	+ 5 58 36,2
	Apr. 10	12,548	6,50		Apr. 10	44,010	37,0
	Jul. 19	12,539	5,74		Jul. 19	44,002	37,7
	Oct. 27	12,539	5,01		Oct. 27	43,985	38,3
	Dec. 66	12,547	4,30		Dec. 66	43,960	39,0
1816	Jan. 1	19 46 15,494	+ 5 57 13,01	1826	Jan. 0	19 46 46,919	+ 5 58 47,3
	Apr. 10	15,508	12,33		Apr. 10	46,889	47,9
	Jul. 19	15,529	11,69		Jul. 19	46,851	48,4
	Oct. 27	15,559	11,10		Oct. 27	46,805	48,9
	Dec. 66	15,597	10,56		Dec. 66	46,751	49,3
1817	Jan. 0	19 46 18,532	+ 5 57 19,21	1827	Jan. 0	19 46 49,720	+ 5 58 57,7
	Apr. 10	18,574	18,70		Apr. 10	49,662	58,1
	Jul. 19	18,623	18,26		Jul. 19	49,597	58,4
	Oct. 27	18,678	17,87		Oct. 27	49,527	58,6
	Dec. 66	18,740	17,54		Dec. 66	49,451	58,8
1818	Jan. 0	19 46 21,668	+ 5 57 26,12	1828	Jan. 1	19 46 52,427	+ 5 59 7,3
	Apr. 10	21,734	25,84		Apr. 10	52,348	7,4
	Jul. 19	21,804	25,62		Jul. 19	52,265	7,5
	Oct. 27	21,878	25,48		Oct. 27	52,178	7,4
	Dec. 66	21,957	25,40		Dec. 66	52,088	7,3
1819	Jan. 0	19 46 24,880	+ 5 57 33,90	1829	Jan. 0	19 46 55,069	+ 5 59 15,9
	Apr. 10	24,961	33,87		Apr. 10	54,977	15,7
	Jul. 19	25,045	33,91		Jul. 19	54,885	15,5
	Oct. 27	25,131	34,02		Oct. 27	54,793	15,2
	Dec. 66	25,219	34,20		Dec. 66	54,700	14,9

Tabulae X. Sect. IV. *β Aquilae.*

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	−1,263	+ 4,6	− 0,20	−14,8	+1	+1
10	−1,199	+ 8,3	− 1,70	−15,0	0	+1
20	−1,098	+11,7	− 3,19	−14,5	0	+1
30	−0,965	+14,8	− 4,60	−13,4	−1	+1
Febr. 9	−0,802	+17,7	− 5,87	−11,7	−1	+1
19	−0,612	+20,3	− 6,94	− 9,4	−2	+1
Mart. 1	−0,397	+22,6	− 7,75	− 6,6	−2	+1
11	−0,160	+24,7	− 8,26	− 3,4	−2	+1
21	+0,096	+26,4	− 8,42	+ 0,1	−3	0
31	+0,367	+27,7	− 8,24	+ 3,6	−3	0
Apr. 10	+0,650	+28,7	− 7,70	+ 7,1	−3	0
20	+0,941	+29,3	− 6,83	+10,3	−3	0
30	+1,235	+29,3	− 5,65	+13,1	−3	0
Maj. 10	+1,527	+28,8	− 4,21	+15,5	−2	0
20	+1,811	+27,7	− 2,56	+17,3	−2	0
30	+2,081	+26,0	− 0,76	+18,5	−2	+1
Jun. 9	+2,331	+23,7	+ 1,14	+19,2	−2	+1
19	+2,554	+20,7	+ 3,08	+19,3	−1	+1
29	+2,744	+17,2	+ 5,00	+18,9	−1	+1
Jul. 9	+2,898	+13,3	+ 6,85	+17,9	−1	+1
19	+3,010	+ 9,0	+ 8,58	+16,6	0	+2
29	+3,078	+ 4,6	+10,17	+15,0	0	+2
Aug. 8	+3,102	+ 0,2	+11,58	+13,2	+1	+2
18	+3,082	− 4,0	+12,80	+11,2	+1	+2
28	+3,022	− 7,9	+13,81	+ 9,0	+1	+3
Sept. 7	+2,924	−11,3	+14,59	+ 6,8	+2	+3
17	+2,796	−13,9	+15,16	+ 4,6	+2	+3
27	+2,646	−15,8	+15,50	+ 2,3	+2	+3
Oct. 7	+2,481	−16,7	+15,62	+ 0,1	+2	+3
17	+2,312	−16,7	+15,51	− 2,1	+3	+4
27	+2,147	−15,8	+15,20	− 4,2	+3	+4
Nov. 6	+1,996	−14,1	+14,67	− 6,4	+3	+4
16	+1,866	−11,7	+13,93	− 8,4	+2	+4
26	+1,763	− 8,6	+12,99	−10,3	+2	+4
Dec. 6	+1,694	− 5,1	+11,87	−12,0	+2	+4
16	+1,661	− 1,5	+10,60	−13,4	+1	+4
26	+1,665	+ 2,3	+ 9,20	−14,4	+1	+4
36	+1,707	+ 6,0	+ 7,73	−14,9	0	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	19 45 58,7716	+ 5 56 26,142
1811	46 1,7219	56 34,595
1812	46 4,6722	56 43,052
1813	46 7,6225	56 51,513
1814	46 10,5728	56 59,977
1815	46 13,5231	57 8,445
1816	46 16,4734	57 16,917
1817	46 19,4237	57 25,392
1818	46 22,3739	57 33,871
1819	46 25,3241	57 42,354
1820	46 28,2743	57 50,840
1821	46 31,2245	57 59,330
1822	46 34,1747	58 7,824
1823	46 37,1248	58 16,321
1824	46 40,0749	58 24,822
1825	46 43,0250	58 33,327
1826	46 45,9751	58 41,835
1827	46 48,9252	58 50,347
1828	46 51,8753	58 58,863
1829	46 54,8253	59 7,383
1830	46 57,7754	59 15,906

Diei reducto addendum est:

ante } Jan. 14 } 0
post } } + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 1*a* *Capricorni*.

		h ′ ″	° ′ ″
1810	Jan. 0	20 7 6,807	— 13 5 2,74
	Apr. 10	6,704	2,84
	Jul. 19	6,600	3,02
	Oct. 27	6,495	3,26
	Dec. 66	6,390	3,58
1811	Jan. 0	20 7 9,760	— 13 4 52,92
	Apr. 10	9,655	53,29
	Jul. 19	9,552	53,71
	Oct. 27	9,451	54,19
	Dec. 66	9,353	54,73
1812	Jan. 1	20 7 12,720	— 13 4 44,00
	Apr. 10	12,625	44,57
	Jul. 19	12,535	45,19
	Oct. 27	12,451	45,85
	Dec. 66	12,373	46,56
1813	Jan. 0	20 7 15,732	— 13 4 35,77
	Apr. 10	15,659	36,49
	Jul. 19	15,593	37,23
	Oct. 27	15,535	37,99
	Dec. 66	15,485	38,77
1814	Jan. 0	20 7 18,835	— 13 4 27,96
	Apr. 10	18,791	28,74
	Jul. 19	18,756	29,51
	Oct. 27	18,730	30,28
	Dec. 66	18,714	31,05
1815	Jan. 0	20 7 22,053	— 13 4 20,23
	Apr. 10	22,043	20,98
	Jul. 19	22,043	21,71
	Oct. 27	22,052	22,40
	Dec. 66	22,071	23,06
1816	Jan. 1	20 7 25,398	— 13 4 12,28
	Apr. 10	25,423	12,91
	Jul. 19	25,456	13,50
	Oct. 27	25,498	14,04
	Dec. 66	25,549	14,53
1817	Jan. 0	20 7 28,865	— 13 4 3,80
	Apr. 10	28,921	4,25
	Jul. 19	28,984	4,64
	Oct. 27	29,054	4,97
	Dec. 66	29,130	5,24
1818	Jan. 0	20 7 32,437	— 13 3 54,58
	Apr. 10	32,517	54,81
	Jul. 19	32,602	54,96
	Oct. 27	32,691	55,05
	Dec. 66	32,785	55,06
1819	Jan. 0	20 7 36,087	— 13 3 44,49
	Apr. 10	36,183	44,46
	Jul. 19	36,280	44,36
	Oct. 27	36,379	44,20
	Dec. 66	36,479	43,97
1820	Jan. 1	20 7 39,779	— 13 3 33,48
	Apr. 10	39,880	33,20
	Jul. 19	39,979	32,87
	Oct. 27	40,078	32,47
	Dec. 66	40,175	32,02
1821	Jan. 0	20 7 43,476	— 13 3 21,60
	Apr. 10	43,571	21,11
	Jul. 19	43,663	20,57
	Oct. 27	43,750	19,98
	Dec. 66	43,834	19,35
1822	Jan. 0	20 7 47,140	— 13 3 8,98
	Apr. 10	47,220	8,33
	Jul. 19	47,293	7,64
	Oct. 27	47,360	6,91
	Dec. 66	47,421	6,15
1823	Jan. 0	20 7 50,735	— 13 2 55,81
	Apr. 10	50,790	55,08
	Jul. 19	50,837	54,33
	Oct. 27	50,876	53,57
	Dec. 66	50,907	52,80
1824	Jan. 1	20 7 54,231	— 13 2 42,46
	Apr. 10	54,256	41,69
	Jul. 19	54,271	40,94
	Oct. 27	54,277	40,21
	Dec. 66	54,274	39,49
1825	Jan. 0	20 7 57,609	— 13 2 29,13
	Apr. 10	57,600	28,43
	Jul. 19	57,581	27,78
	Oct. 27	57,553	27,16
	Dec. 66	57,515	26,58
1826	Jan. 0	20 8 0,862	— 13 2 16,17
	Apr. 10	0,818	15,63
	Jul. 19	0,766	15,14
	Oct. 27	0,706	14,72
	Dec. 66	0,638	14,35
1827	Jan. 0	20 8 3,994	— 13 2 3,85
	Apr. 10	3,921	3,53
	Jul. 19	3,842	3,28
	Oct. 27	3,756	3,09
	Dec. 66	3,664	2,98
1828	Jan. 1	20 8 7,029	— 13 1 52,40
	Apr. 10	6,934	52,34
	Jul. 19	6,836	52,35
	Oct. 27	6,735	52,43
	Dec. 66	6,631	52,59
1829	Jan. 0	20 8 9,998	— 13 1 41,91
	Apr. 10	9,893	42,12
	Jul. 19	9,788	42,40
	Oct. 27	9,684	42,74
	Dec. 66	9,580	43,16

Tabulae X. Sect. IV. 1*a* *Capricorni.*

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	−1,249	+ 4,0	− 2,57	− 3,5	+1	−1
10	−1,191	+ 7,6	− 2,91	− 3,1	+1	−1
20	−1,097	+11,0	− 3,19	− 2,5	0	−1
30	−0,971	+14,2	− 3,40	− 1,7	0	−1
Febr. 9	−0,814	+17,2	− 3,52	− 0,5	−1	−1
19	−0,628	+19,9	− 3,50	+ 1,0	−1	−1
Mart. 1	−0,417	+22,2	− 3,33	+ 2,6	−2	−1
11	−0,184	+24,5	− 2,98	+ 4,4	−2	−1
21	+0,072	+26,5	− 2,45	+ 6,2	−3	0
31	+0,345	+28,1	− 1,74	+ 8,0	−3	0
Apr. 10	+0,633	+29,4	− 0,86	+ 9,6	−3	0
20	+0,933	+30,4	+ 0,18	+11,0	−3	0
30	+1.241	+30,9	+ 1,34	+12,1	−3	+1
Maj. 10	+1,550	+30,7	+ 2,59	+12,8	−3	+1
20	+1,855	+30,1	+ 3,89	+13,0	−3	+1
30	+2,151	+28,7	+ 5,18	+12,8	−3	+2
un. 9	+2,429	+26,6	+ 6,44	+12,2	−3	+2
19	+2,683	+23,9	+ 7,61	+11,2	−2	+2
29	+2,906	+20,6	+ 8,68	+10,0	−2	+3
ul. 9	+3,094	+16,7	+ 9,60	+ 8,5	−1	+3
19	+3,240	+12,4	+10,37	+ 6,8	−1	+3
29	+3,342	+ 7,9	+10,96	+ 5,1	−1	+4
ug. 8	+3,398	+ 3,3	+11,39	+ 3,5	0	+4
18	+3,407	− 1,3	+11,65	+ 1,9	0	+4
28	+3,372	− 5,6	+11,76	+ 0,5	+1	+4
ept. 7	+3,296	− 9,3	+11,75	− 0,6	+1	+4
17	+3,187	−12,3	+11,64	− 1,7	+2	+4
27	+3,050	−14,6	+11,42	− 2,5	+2	+4
ct. 7	+2,895	−15,9	+11,14	− 3,0	+2	+4
17	+2,732	−16,3	+10,83	− 3,3	+3	+4
27	+2,570	−15,7	+10,48	− 3,6	+3	+4
ov. 6	+2,419	−14,2	+10,12	− 3,7	+3	+4
16	+2,287	−11,9	+ 9,75	− 3,8	+2	+4
26	+2,181	− 9,0	+ 9,37	− 3,8	+2	+4
c. 6	+2,107	− 5,7	+ 8,99	− 3,8	+2	+4
16	+2,068	− 2,1	+ 8,61	− 3,8	+1	+4
26	+2,066	+ 1,7	+ 8,24	− 3,7	+1	+4
36	+2,102	+ 5,4	+ 7,88	− 3,4	0	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	20 7 6,4894	− 13 5 11,199
1811	7 9,8237	5 0,657
1812	7 13,1579	4 50,111
1813	7 16,4920	4 39,560
1814	7 19,8260	4 29,005
1815	7 23,1600	4 18,446
1816	7 26,4939	4 7,883
1817	7 29,8277	3 57,316
1818	7 33,1614	3 46,745
1819	7 36,4950	3 36,170
1820	7 39,8285	3 25,591
1821	7 43,1620	3 15,008
1822	7 46,4954	3 4,420
1823	7 49,8287	2 53,828
1824	7 53,1619	2 43,232
1825	7 56,4950	2 32,632
1826	7 59,8281	2 22,028
1827	8 3,1611	2 11,420
1828	8 6,4940	2 0,808
1829	8 9,8268	1 50,192
1830	8 13,1594	1 39,571

Diei reducto addendum est:

ante / post } Jan. 19 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 2a *Capricorni.*

1810	Jan. 0	20	7	30,570	— 13	7	20,92	1820	Jan. 1	20	8	3,589	— 13	5	51,37
	Apr. 10			30,467			21,02		Apr. 10			3,690			51,09
	Jul. 19			30,364			21,20		Jul. 19			3,789			50,76
	Oct. 27			30,259			21,44		Oct. 27			3,887			50,36
	Dec. 66			30,153			21,76		Dec. 66			3,984			49,91
1811	Jan. 0	20	7	33,528	— 13	7	11,08	1821	Jan. 0	20	8	7,290	— 13	5	39,46
	Apr. 10			33,422			11,44		Apr. 10			7,386			38,97
	Jul. 19			33,319			11,86		Jul. 19			7,477			38,43
	Oct. 27			33,219			12,35		Oct. 27			7,565			37,84
	Dec. 66			33,121			12,89		Dec. 66			7,648			37,21
1812	Jan. 1	20	7	36,492	— 13	7	2,13	1822	Jan. 0	20	8	10,959	— 13	5	26,81
	Apr. 10			36,397			2,70		Apr. 10			11,039			26,15
	Jul. 19			36,307			3,32		Jul. 19			11,112			25,47
	Oct. 27			36,223			3,93		Oct. 27			11,178			24,76
	Dec. 66			36,145			4,69		Dec. 66			11,239			24,02
1813	Jan. 0	20	7	39,509	— 13	6	53,87	1823	Jan. 0	20	8	14,558	— 13	5	13,65
	Apr. 10			39,436			54,60		Apr. 10			14,614			12,90
	Jul. 19			39,370			55,34		Jul. 19			14,661			12,14
	Oct. 27			39,312			56,10		Oct. 27			14,700			11,37
	Dec. 66			39,262			56,88		Dec. 66			14,730			10,60
1814	Jan. 0	20	7	42,616	— 13	6	46,03	1824	Jan. 1	20	8	18,059	— 13	5	0,24
	Apr. 10			42,572			46,81		Apr. 10			18,084		4	59,47
	Jul. 19			42,538			47,59		Jul. 19			18,099			58,72
	Oct. 27			42,512			48,36		Oct. 27			18,105			57,99
	Dec. 66			42,496			49,12		Dec. 66			18,102			57,27
1815	Jan. 0	20	7	45,839	— 13	6	38,28	1825	Jan. 0	20	8	21,442	— 13	4	46,88
	Apr. 10			45,829			39,03		Apr. 10			21,432			46,18
	Jul. 19			45,829			39,75		Jul. 19			21,413			45,53
	Oct. 27			45,838			40,44		Oct. 27			21,385			44,91
	Dec. 66			45,857			41,11		Dec. 66			21,347			44,34
1816	Jan. 1	20	7	49,188	— 13	6	30,30	1826	Jan. 0	20	8	24,698	— 13	4	33,89
	Apr. 10			49,213			30,93		Apr. 10			24,655			33,35
	Jul. 19			49,247			31,52		Jul. 19			24,603			32,87
	Oct. 27			49,289			32,05		Oct. 27			24,542			32,44
	Dec. 66			49,340			32,54		Dec. 66			24,474			32,08
1817	Jan. 0	20	7	52,660	— 13	6	21,79	1827	Jan. 0	20	8	27,835	— 13	4	21,56
	Apr. 10			52,716			22,24		Apr. 10			27,762			21,23
	Jul. 19			52,779			22,63		Jul. 19			27,682			20,98
	Oct. 27			52,849			22,96		Oct. 27			27,597			20,80
	Dec. 66			52,925			23,22		Dec. 66			27,505			20,69
1818	Jan. 0	20	7	56,237	— 13	6	12,54	1828	Jan. 1	20	8	30,874	— 13	4	10,08
	Apr. 10			56,317			12,76		Apr. 10			30,779			10,02
	Jul. 19			56,402			12,91		Jul. 19			30,681			10,03
	Oct. 27			56,491			12,99		Oct. 27			30,580			10,13
	Dec. 66			56,585			13,01		Dec. 66			30,476			10,28
1819	Jan. 0	20	7	59,892	— 13	6	2,41	1829	Jan. 0	20	8	33,848	— 13	3	59,57
	Apr. 10			59,988			2,38		Apr. 10			33,743			59,78
	Jul. 19		8	0,085			2,29		Jul. 19			33,638		4	0,06
	Oct. 27			0,184			2,12		Oct. 27			33,534			0,40
	Dec. 66			0,285			1,89		Dec. 66			33,430			0,81

Tabulae X. Sect. IV. 2a *Capricorni.*

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	—1,249	+ 4,0	— 2,58	— 3,5	+1	—1
10	—1,190	+ 7,6	— 2,92	— 3,1	+1	—1
20	—1,097	+11,0	— 3,20	— 2,5	0	—1
30	—0,971	+14,2	— 3,41	— 1,6	0	—1
Febr. 9	—0,814	+17,1	— 3,51	— 0,4	—1	—1
19	—0,629	+19,8	— 3,49	+ 1,0	—1	—1
Mart. 1	—0,419	+22,3	— 3,32	+ 2,6	—2	—1
11	—0,184	+24,5	— 2,97	+ 4,4	—2	—1
21	+0,071	+26,4	— 2,44	+ 6,3	—3	0
31	+0,344	+28,1	— 1,72	+ 8,0	—3	0
Apr. 10	+0,632	+29,5	— 0,84	+ 9,6	—3	0
20	+0,933	+30,4	+ 0,20	+11,1	—3	0
30	+1,240	+30,9	+ 1,37	+12,1	—3	0
Maj. 10	+1,550	+30,8	+ 2,62	+12,7	—3	+1
20	+1,855	+30,1	+ 3,91	+13,0	—3	+1
30	+2,151	+28,7	+ 5,21	+12,8	—3	+2
Jun. 9	+2,429	+26,7	+ 6,47	+12,2	—3	+2
19	+2,684	+24,0	+ 7,64	+11,2	—2	+2
29	+2,908	+20,6	+ 8,70	+10,0	—2	+3
Jul. 9	+3,096	+16,8	+ 9,63	+ 8,5	—2	+3
19	+3,243	+12,5	+10,39	+ 6,8	—1	+3
29	+3,345	+ 7,9	+10,99	+ 5,1	—1	+4
Aug. 8	+3,401	+ 3,4	+11,41	+ 3,4	0	+4
18	+3,411	— 1,2	+11,67	+ 1,9	0	+4
28	+3,376	— 5,5	+11,78	+ 0,5	+1	+4
Sept. 7	+3,301	— 9,2	+11,76	— 0,7	+1	+4
17	+3,192	—12,3	+11,64	— 1,7	+2	+4
27	+3,055	—14,6	+11,43	— 2,5	+2	+4
Oct. 7	+2,901	—15,9	+11,15	— 3,0	+2	+4
17	+2,738	—16,3	+10,84	— 3,3	+2	+4
27	+2,576	—15,7	+10,49	— 3,6	+3	+4
Nov. 6	+2,425	—14,2	+10,13	— 3,7	+3	+4
16	+2,293	—11,9	+ 9,76	— 3,8	+2	+4
26	+2,187	— 9,0	+ 9,38	— 3,8	+2	+4
Dec. 6	+2,113	— 5,7	+ 9,00	— 3,8	+2	+4
16	+2,074	— 2,1	+ 8,62	— 3,8	+1	+4
26	+2,072	+ 1,7	+ 8,25	— 3,6	+1	+3
36	+2,107	+ 5,4	+ 7,90	— 3,4	0	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	20 7 30,2532	— 13 7 29,375
1811	7 33,5920	7 18,805
1812	7 36,9307	7 8,231
1813	7 40,2694	6 57,653
1814	7 43,6080	6 47,071
1815	7 46,9465	6 36,484
1816	7 50,2849	6 25,893
1817	7 53,6232	6 15,298
1818	7 56,9615	6 4,699
1819	8 0,2997	5 54,096
1820	8 3,6378	5 43,490
1821	8 6,9758	5 32,879
1822	8 10,3137	5 22,264
1823	8 13,6515	5 11,645
1824	8 16,4893	5 1,021
1825	8 20,3270	4 50,393
1826	8 23,6646	4 39,761
1827	8 27,0021	4 29,125
1828	8 30,3395	4 18,485
1829	8 33,6769	4 7,841
1830	8 37,0142	3 57,194

Diei reducto addendum est:

ante } Jan. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens

Tabulae X. Sect. IV. *α Cygni.*

		α	δ
1810	Jan. 0	20 34 58,060	+44 36 31,05
	Apr. 10	58,009	30,87
	Jul. 19	57,954	30,62
	Oct. 27	57,894	30,31
	Dec. 66	57,830	29,93
1811	Jan. 0	20 34 59,893	+44 36 42,61
	Apr. 10	59,827	42,19
	Jul. 19	59,758	41,71
	Oct. 27	59,688	41,18
	Dec. 66	59,616	40,60
1812	Jan. 1	20 35 1,681	+44 36 53,34
	Apr. 10	1,608	52,74
	Jul. 19	1,535	52,08
	Oct. 27	1,463	51,40
	Dec. 66	1,391	50,68
1813	Jan. 0	20 35 3,456	+44 37 3,47
	Apr. 10	3,385	2,74
	Jul. 19	3,316	2,00
	Oct. 27	3,250	1,25
	Dec. 66	3,187	0,49
1814	Jan. 0	20 35 5,249	+44 37 13,29
	Apr. 10	5,188	12,53
	Jul. 19	5,132	11,78
	Oct. 27	5,080	11,05
	Dec. 66	5,032	10,33
1815	Jan. 0	20 35 7,089	+44 37 23,12
	Apr. 10	7,045	22,42
	Jul. 19	7,007	21,75
	Oct. 27	6,974	21,11
	Dec. 66	6,948	20,51
1816	Jan. 1	20 35 8,997	+44 37 33,26
	Apr. 10	8,975	32,69
	Jul. 19	8,959	32,18
	Oct. 27	8,949	31,72
	Dec. 66	8,946	31,31
1817	Jan. 0	20 35 10,987	+44 37 43,99
	Apr. 10	10,988	43,62
	Jul. 19	10,996	43,31
	Oct. 27	11,010	43,06
	Dec. 66	11,030	42,88
1818	Jan. 0	20 35 13,064	+44 37 55,50
	Apr. 10	13,088	55,36
	Jul. 19	13,117	55,29
	Oct. 27	13,152	55,28
	Dec. 66	13,193	55,34
1819	Jan. 0	20 35 15,220	+44 38 7,87
	Apr. 10	15,265	7,98
	Jul. 19	15,313	8,15
	Oct. 27	15,365	8,38
	Dec. 66	15,421	8,68
1820	Jan. 1	20 35 17,443	+44 38 21,13
	Apr. 10	17,503	21,47
	Jul. 19	17,565	21,86
	Oct. 27	17,629	22,31
	Dec. 66	17,696	22,81
1821	Jan. 0	20 35 19,715	+44 38 35,20
	Apr. 10	19,783	35,73
	Jul. 19	19,852	36,30
	Oct. 27	19,922	36,91
	Dec. 66	19,993	37,56
1822	Jan. 0	20 35 22,010	+44 38 49,91
	Apr. 10	22,080	50,58
	Jul. 19	22,149	51,28
	Oct. 27	22,217	51,99
	Dec. 66	22,283	52,73
1823	Jan. 0	20 35 24,302	+44 39 5,05
	Apr. 10	24,367	5,79
	Jul. 19	24,428	6,53
	Oct. 27	24,486	7,27
	Dec. 66	24,540	8,01
1824	Jan. 1	20 35 26,564	+44 39 20,33
	Apr. 10	26,616	21,06
	Jul. 19	26,662	21,77
	Oct. 27	26,704	22,46
	Dec. 66	26,740	23,12
1825	Jan. 0	20 35 28,770	+44 39 35,47
	Apr. 10	28,803	36,11
	Jul. 19	28,829	36,70
	Oct. 27	28,849	37,25
	Dec. 66	28,863	37,75
1826	Jan. 0	20 35 30,900	+44 39 50,16
	Apr. 10	30,909	50,63
	Jul. 19	30,912	51,04
	Oct. 27	30,908	51,38
	Dec. 66	30,897	51,67
1827	Jan. 0	20 35 32,942	+44 40 4,15
	Apr. 10	32,927	4,39
	Jul. 19	32,905	4,56
	Oct. 27	32,877	4,66
	Dec. 66	32,842	4,69
1828	Jan. 1	20 35 34,895	+44 40 17,27
	Apr. 10	34,856	17,25
	Jul. 19	34,812	17,16
	Oct. 27	34,763	17,00
	Dec. 66	34,708	16,76
1829	Jan. 0	20 35 36,768	+44 40 29,43
	Apr. 10	36,710	29,15
	Jul. 19	36,649	28,81
	Oct. 27	36,585	28,41
	Dec. 66	36,517	27,94

Tabulae X. Sect. IV. *α Cygni.*

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	−1,605	− 7,4	+ 6,54	−26,5	0	+2
10	−1,655	− 2,6	+ 3,77	−28,5	0	+3
20	−1,656	+ 2,4	+ 0,84	−29,5	−1	+3
30	−1,608	+ 7,3	− 2,13	−29,4	−1	+3
Febr. 9	−1,510	+12,3	− 5,03	−28,1	−2	+3
19	−1,362	+17,1	− 7,74	−25,7	−2	+2
Mart. 1	−1,168	+21,6	−10,16	−22,2	−2	+2
11	−0,931	+25,7	−12,18	−17,8	−3	+2
21	−0,654	+29,4	−13,71	−12,7	−3	+1
31	−0,344	+32,4	−14,72	− 7,3	−3	+1
Apr. 10	−0,007	+34,7	−15,14	− 1,3	−3	+1
20	+0,349	+36,2	−14,98	+ 4,6	−3	0
30	+0,716	+36,9	−14,23	+10,3	−2	0
Maj. 10	+1,086	+36,6	−12,93	+15,6	−2	0
20	+1,448	+35,4	−11,12	+20,3	−2	−1
30	+1,793	+33,3	− 8,87	+24,4	−1	−1
Jun. 9	+2,113	+30,3	− 6,25	+27,7	−1	−1
19	+2,398	+26,5	− 3,33	+30,3	−1	−1
29	+2,642	+22,0	− 0,19	+32,1	0	−1
Jul. 9	+2,838	+17,0	+ 3,08	+33,0	0	−1
19	+2,981	+11,5	+ 6,40	+33,1	+1	−1
29	+3,067	+ 5,8	+ 9,69	+32,4	+1	−1
Aug. 8	+3,097	+ 0,2	+12,88	+31,1	+1	−1
18	+3,070	− 5,5	+15,91	+29,2	+2	0
28	+2,988	−10,7	+18,71	+26,6	+2	0
Sept. 7	+2,857	−15,3	+21,22	+23,5	+2	0
17	+2,683	−19,3	+23,40	+20,0	+3	+1
27	+2,472	−22,5	+25,21	+16,0	+3	+1
Oct. 7	+2,234	−24,7	+26,60	+11,6	+3	+1
17	+1,979	−25,9	+27,53	+ 7,0	+3	+2
27	+1,716	−26,2	+28,00	+ 2,3	+3	+2
Nov. 6	+1,456	−25,5	+27,98	− 2,7	+3	+3
16	+1,207	−23,9	+27,46	− 7,7	+3	+3
26	+0,979	−21,4	+26,44	−12,6	+2	+4
Dec. 6	+0,780	−18,2	+24,95	−17,1	+2	+4
16	+0,615	−14,5	+23,02	−21,2	+2	+4
26	+0,491	−10,2	+20,71	−24,7	+1	+5
36	+0,412	− 5,6	+18,09	−27,4	+1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	20 34 57,4728	+44 36 22,958
1811	34 59,5136	36 35,499
1812	35 1,5545	36 48,042
1813	35 3,5954	37 0,588
1814	35 5,6363	37 13,136
1815	35 7,6773	37 25,686
1816	35 9,7183	37 38,238
1817	35 11,7593	37 50,793
1818	35 13,8003	38 3,350
1819	35 15,8413	38 15,909
1820	35 17,8823	38 28,470
1821	35 19,9234	38 41,034
1822	35 21,9645	38 53,600
1823	35 24,0056	39 6,168
1824	35 26,0468	39 18,738
1825	35 28,0880	39 31,311
1826	35 30,1292	39 43,886
1827	35 32,1704	39 56,463
1828	35 34,2117	40 9,043
1829	35 36,2530	40 21,625
1830	35 38,2943	40 34,209

Diei reducto addendum est:

ante } Jan. 25 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Aquarii.*

		h ′ ″	° ′ ″
1810	Jan. 0	21 56 1,667	— 1 14 10,95
	Apr. 10	1,574	11,34
	Jul. 19	1,479	11,77
	Oct. 27	1,383	12,26
	Dec. 66	1,285	12,79
1811	Jan. 0	21 56 4,402	— 1 13 55,43
	Apr. 10	4,305	55,99
	Jul. 19	4,209	56,58
	Oct. 27	4,115	57,20
	Dec. 66	4,023	57,85
1812	Jan. 1	21 56 7,137	— 1 13 40,46
	Apr. 10	7,047	41,13
	Jul. 19	6,962	41,80
	Oct. 27	6,882	42,48
	Dec. 66	6,806	43,17
1813	Jan. 0	21 56 9,915	— 1 13 25,76
	Apr. 10	9,843	26,45
	Jul. 19	9,778	27,13
	Oct. 27	9,720	27,80
	Dec. 66	9,670	28,45
1814	Jan. 0	21 56 12,770	— 1 13 11,05
	Apr. 10	12,725	11,69
	Jul. 19	12,688	12,29
	Oct. 27	12,659	12,86
	Dec. 66	12,639	13,39
1815	Jan. 0	21 56 15,729	— 1 12 56,04
	Apr. 10	15,715	56,54
	Jul. 19	15,710	57,00
	Oct. 27	15,713	57,41
	Dec. 66	15,725	57,77
1816	Jan. 1	21 56 18,804	— 1 12 40,47
	Apr. 10	18,822	40,80
	Jul. 19	18,848	41,07
	Oct. 27	18,882	41,28
	Dec. 66	18,925	41,43
1817	Jan. 0	21 56 21,994	— 1 12 24,19
	Apr. 10	22,041	24,30
	Jul. 19	22,095	24,36
	Oct. 27	22,155	24,34
	Dec. 66	22,222	24,27
1818	Jan. 0	21 56 25,283	— 1 12 7,11
	Apr. 10	25,354	7,00
	Jul. 19	25,430	6,83
	Oct. 27	25,510	6,61
	Dec. 66	25,594	6,33
1819	Jan. 0	21 56 28,649	— 1 11 49,24
	Apr. 10	28,736	48,92
	Jul. 19	28,824	48,55
	Oct. 27	28,915	48,13
	Dec. 66	29,007	47,67
1820	Jan. 1	h ′ ″ 21 56 32,060	° ′ ″ — 1 11 30,64
	Apr. 10	32,153	30,15
	Jul. 19	32,245	29,62
	Oct. 27	32,336	29,06
	Dec. 66	32,427	28,47
1821	Jan. 0	21 56 35,481	— 1 11 11,48
	Apr. 10	35,571	10,87
	Jul. 19	35,657	10,24
	Oct. 27	35,740	9,59
	Dec. 66	35,820	8,93
1822	Jan. 0	21 56 38,878	— 1 10 51,96
	Apr. 10	38,955	51,29
	Jul. 19	39,026	50,63
	Oct. 27	39,092	49,96
	Dec. 66	39,152	49,30
1823	Jan. 0	21 56 42,216	— 1 10 32,32
	Apr. 10	42,272	31,67
	Jul. 19	42,320	31,04
	Oct. 27	42,361	30,43
	Dec. 66	42,394	29,85
1824	Jan. 1	21 56 45,468	— 1 10 12,83
	Apr. 10	45,496	12,27
	Jul. 19	45,515	11,75
	Oct. 27	45,526	11,26
	Dec. 66	45,528	10,82
1825	Jan. 0	21 56 48,612	— 1 9 53,75
	Apr. 10	48,608	53,34
	Jul. 19	48,596	52,99
	Oct. 27	48,575	52,69
	Dec. 66	48,546	52,44
1826	Jan. 0	21 56 51,640	— 1 9 35,31
	Apr. 10	51,605	35,10
	Jul. 19	51,562	34,96
	Oct. 27	51,510	34,87
	Dec. 66	51,451	34,86
1827	Jan. 0	21 56 54,555	— 1 9 17,64
	Apr. 10	54,492	17,67
	Jul. 19	54,422	17,76
	Oct. 27	54,346	17,91
	Dec. 66	54,264	18,13
1828	Jan. 1	21 56 57,376	— 1 9 0,84
	Apr. 10	57,291	1,10
	Jul. 19	57,202	1,41
	Oct. 27	57,110	1,78
	Dec. 66	57,015	2,21
1829	Jan. 0	21 57 0,131	— 1 8 44,85
	Apr. 10	0,034	45,31
	Jul. 19	56 59,938	45,81
	Oct. 27	59,841	46,36
	Dec. 66	59,745	46,95

Tabulae X. Sect. IV. *α Aquarii.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−0,840	− 5,2	− 1,30	− 7,8	+2	+1	1810	21 56 1,3200	− 1 14 17,322
10	−0,881	− 2,8	− 2,07	− 7,6	+2	+1	1811	56 4,4044	14 0,148
20	−0,895	− 0,1	− 2,81	− 7,1	+2	+1	1812	56 7,4887	13 42,972
30	−0,883	+ 2,6	− 3,48	− 6,2	+1	+1	1813	56 10,5730	13 25,794
Febr. 9	−0,843	+ 5,5	− 4,04	− 4,9	0	+1	1814	56 13,6572	13 8,613
							1815	56 16,7414	12 51,430
19	−0,774	+ 8,5	− 4,45	− 3,2	0	0	1816	56 19,8256	12 34,245
Mart. 1	−0,674	+11,5	− 4,67	− 1,1	−1	0	1817	56 22,9097	12 17,057
11	−0,544	+14,6	− 4,66	+ 1,3	−1	0	1818	56 25,9938	11 59,867
21	−0,382	+17,8	− 4,41	+ 3,9	−2	0	1819	56 29,0778	11 42,675
31	−0,189	+21,1	− 3,88	+ 6,7	−2	0	1820	56 32,1618	11 25,480
							1821	56 35,2457	11 8,283
Apr. 10	+0,034	+23,6	− 3,07	+ 9,4	−2	−1	1822	56 38,3296	10 51,084
20	+0,283	+26,2	− 2,00	+12,0	−3	−1	1823	56 41,4135	10 33,883
30	+0,557	+28,3	− 0,68	+14,3	−3	−1	1824	56 44,4972	10 16,680
Maj. 10	+0,849	+29,9	+ 0,86	+16,3	−3	−1	1825	56 47,5810	9 59,474
20	+1,154	+30,8	+ 2,58	+17,8	−3	−1	1826	56 50,6647	9 42,266
							1827	56 53,7484	9 25,056
30	+1,465	+31,0	+ 4,42	+18,8	−3	−1	1828	56 56,8320	9 7,843
Jun. 9	+1,774	+30,5	+ 6,34	+19,3	−3	−1	1829	56 59,9157	8 50,628
19	+2,074	+29,1	+ 8,28	+19,3	−3	0	1830	57 2,9993	8 33,410
29	+2,356	+27,0	+10,20	+18,8	−2	0			
Jul. 9	+2,614	+24,3	+12,03	+17,7	−2	0			
19	+2,841	+20,8	+13,73	+16,3	−2	0			
29	+3,030	+16,9	+15,28	+14,5	−1	+1			
Aug. 8	+3,179	+12,7	+16,63	+12,5	−1	+1			
18	+3,284	+ 8,3	+17,77	+10,3	−1	+1			
28	+3,344	+ 3,9	+18,69	+ 8,1	0	+2			
Sept. 7	+3,362	− 0,2	+19,39	+ 6,0	0	+2			
17	+3,340	− 2,0	+19,88	+ 3,8	+1	+2			
27	+3,283	− 7,2	+20,15	+ 1,8	+1	+3			
Oct. 7	+3,196	− 9,9	+20,24	+ 0,1	+2	+3			
17	+3,086	−11,8	+20,16	− 1,6	+2	+3			
27	+2,961	−12,9	+19,93	− 3,0	+2	+3			
Nov. 6	+2,829	−13,2	+19,57	− 4,2	+3	+3			
16	+2,697	−12,9	+19,09	− 5,3	+3	+4			
26	+2,571	−12,0	+18,51	− 6,2	+3	+4			
Dec. 6	+2,457	−10,6	+17,86	− 6,9	+3	+4			
16	+2,359	− 8,8	+17,14	− 7,4	+2	+4			
26	+2,281	− 6,7	+16,38	− 7,7	+2	+4			
36	+2,225	− 4,3	+15,61	− 7,7	+2	+3			

Diei reducto addendum est:

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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *a Piscis austrini.*

		h ′ ″	° ′ ″
1810	Jan. 0	22 47 7,750	—30 37 32,11
	Apr. 10	7,640	32,60
	Jul. 19	7,532	33,13
	Oct. 27	7,425	33,69
	Dec. 66	7,319	34,29
1811	Jan. 0	22 47 10,698	—30 37 15,26
	Apr. 10	10,594	15,87
	Jul. 19	10,495	16,50
	Oct. 27	10,401	17,14
	Dec. 66	10,311	17,79
1812	Jan. 1	22 47 13,684	—30 36 58,75
	Apr. 10	13,598	59,40
	Jul. 19	13,520	37 0,05
	Oct. 27	13,450	0,69
	Dec. 66	13,387	1,33
1813	Jan. 0	22 47 16,750	—30 36 42,29
	Apr. 10	16,693	42,91
	Jul. 19	16,646	43,51
	Oct. 27	16,607	44,07
	Dec. 66	16,578	44,61
1814	Jan. 0	22 47 19,929	—30 36 25,61
	Apr. 10	19,908	26,12
	Jul. 19	19,896	26,59
	Oct. 27	19,894	27,02
	Dec. 66	19,901	27,40
1815	Jan. 0	22 47 23,240	—30 36 8,45
	Apr. 10	23,255	8,80
	Jul. 19	23,279	9,10
	Oct. 27	23,312	9,34
	Dec. 66	23,355	9,53
1816	Jan. 1	22 47 26,682	—30 35 50,64
	Apr. 10	26,730	50,79
	Jul. 19	26,787	50,88
	Oct. 27	26,852	50,92
	Dec. 66	26,924	50,89
1817	Jan. 0	22 47 30,241	—30 35 32,08
	Apr. 10	30,318	32,01
	Jul. 19	30,400	31,89
	Oct. 27	30,488	31,72
	Dec. 66	30,581	31,49
1818	Jan. 0	22 47 33,891	—30 35 12,74
	Apr. 10	33,987	12,48
	Jul. 19	34,085	12,17
	Oct. 27	34,186	11,81
	Dec. 66	34,290	11,40
1819	Jan. 0	22 47 37,597	—30 34 52,71
	Apr. 10	37,701	52,28
	Jul. 19	37,805	51,81
	Oct. 27	37,908	51,31
	Dec. 66	38,011	50,77
1820	Jan. 1	22 47 41,318	—30 34 32,12
	Apr. 10	41,420	31,56
	Jul. 19	41,519	30,98
	Oct. 27	41,614	30,39
	Dec. 66	41,705	29,77
1821	Jan. 0	22 47 45,016	—30 34 11,14
	Apr. 10	45,105	10,52
	Jul. 19	45,187	9,90
	Oct. 27	45,264	9,28
	Dec. 66	45,335	8,65
1822	Jan. 0	22 47 48,653	—30 33 50,02
	Apr. 10	48,719	49,40
	Jul. 19	48,777	48,80
	Oct. 27	48,827	48,21
	Dec. 66	48,869	47,64
1823	Jan. 0	22 47 52,196	—30 33 28,99
	Apr. 10	52,231	28,44
	Jul. 19	52,259	27,92
	Oct. 27	52,276	27,44
	Dec. 66	52,284	26,99
1824	Jan. 1	22 47 55,623	—30 33 8,29
	Apr. 10	55,625	7,87
	Jul. 19	55,617	7,50
	Oct. 27	55,599	7,17
	Dec. 66	55,571	6,89
1825	Jan. 0	22 47 58,922	—30 32 48,14
	Apr. 10	58,888	47,90
	Jul. 19	58,845	47,71
	Oct. 27	58,793	47,59
	Dec. 66	58,732	47,52
1826	Jan. 0	22 48 2,094	—30 32 28,69
	Apr. 10	2,028	28,66
	Jul. 19	1,954	28,69
	Oct. 27	1,874	28,79
	Dec. 66	1,786	28,94
1827	Jan. 0	22 48 5,156	—30 32 10,04
	Apr. 10	5,064	10,23
	Jul. 19	4,968	10,48
	Oct. 27	4,868	10,78
	Dec. 66	4,763	11,14
1828	Jan. 1	22 48 8,138	—30 31 52,17
	Apr. 10	8,031	52,56
	Jul. 19	7,924	53,00
	Oct. 27	7,815	53,48
	Dec. 66	7,706	54,00
1829	Jan. 0	22 48 11,082	—30 31 34,97
	Apr. 10	10,973	35,52
	Jul. 19	10,867	36,10
	Oct. 27	10,764	36,70
	Dec. 66	10,663	37,33

Tabulae X. Sect. IV. *α Piscis austrini.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	—0,709	—10,0	— 9,99	+ 2,7	+4	0	1810	22 47 7 6846	—30 37 36,970
10	—0,798	— 7,7	— 9,59	+ 5,4	+4	0	1811	47 11,0280	37 18,148
20	—0,863	— 5,2	— 8,91	+ 8,2	+3	—1	1812	47 14,3711	36 59,324
30	—0,901	— 2,4	— 7,96	+10,7	+3	—1	1813	47 17,7140	36 40,499
Febr. 9	—0,910	+ 0,7	— 6,78	+13,0	+2	—2	1814	47 21,0567	36 21,672
							1815	47 24,3992	36 2,844
19	—0,887	+ 4,0	— 5,36	+15,2	+1	—2	1816	47 27,7415	35 44,014
März 1	—0,831	+ 7,4	— 3,74	+17,2	+1	—2	1817	47 31,0835	35 25,183
11	—0,739	+11,0	— 1,93	+18,9	0	—2	1818	47 34,4253	35 6,350
21	—0,611	+14,8	+ 0,04	+20,4	—1	—3	1819	47 37,7669	34 47,516
31	—0,444	+18,6	+ 2,14	+21,5	—2	—3	1820	47 41,1083	34 28,680
							1821	47 44,4495	34 9,843
Apr. 10	—0,240	+22,2	+ 4,33	+22,2	—2	—3	1822	47 47,7905	33 51,004
20	0,000	+25,7	+ 6,58	+22,6	—3	—2	1823	47 51,1312	33 32,164
30	+0,274	+28,9	+ 8,84	+22,4	—3	—2	1824	47 54,4717	33 13,323
Maj. 10	+0,578	+31,6	+11,06	+21,8	—4	—2	1825	47 57,8120	32 54,480
20	+0,905	+33,6	+13,19	+20,6	—4	—2	1826	48 1,1521	32 35,635
							1827	48 4,4920	32 16,789
30	+1,249	+34,9	+15,17	+18,9	—4	—1	1828	48 7,8317	31 57,941
Jun. 9	+1,602	+35,3	+16,96	+16,7	—5	—1	1829	48 11,1710	31 39,092
19	+1,955	+34,9	+18,51	+14,1	—5	0	1830	48 14,5102	31 20,242
29	+2,299	+33,5	+19,78	+11,2	—5	0			
Jul. 9	+2,625	+31,3	+20,74	+ 7,9	—5	+1			
19	+2,924	+28,2	+21,36	+ 4,5	—4	+1			
29	+3,188	+24,4	+21,64	+ 1,1	—4	+2			
Aug. 8	+3,411	+20,1	+21,57	— 2,4	—4	+3			
18	+3,589	+15,3	+21,17	— 5,6	—3	+3			
28	+3,717	+10,4	+20,46	— 8,3	—3	+3			
Sept. 7	+3,796	+ 5,4	+19,51	—10,6	—2	+4			
17	+3,825	+ 0,7	+18,34	—12,4	—2	+4			
27	+3,809	— 3,7	+17,03	—13,5	—1	+4			
Oct. 7	+3,752	— 7,4	+15,64	—14,0	0	+4			
17	+3,661	—10,5	+14,23	—13,8	0	+4			
27	+3,542	—12,8	+12,88	—13,0	+1	+4			
Nov. 6	+3,405	—14,3	+11,64	—11,6	+1	+4			
16	+3,257	—15,0	+10,57	— 9,6	+2	+4			
26	+3,105	—15,0	+ 9,72	— 7,3	+2	+3			
Dec. 6	+2,958	—14,2	+ 9,12	— 4,7	+2	+3			
16	+2,821	—13,0	+ 8,78	— 2,0	+2	+2			
26	+2,699	—11,3	+ 8,73	+ 0,9	+2	+2			
36	+2,596	— 9,2	+ 8,96	+ 3,7	+2	+1			

Diei reducto addendum est:

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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Pegasi.*

1810	Jan. 0	22 55 18,744	+14 11 11,12
	Apr. 10	18,658	10,61
	Jul. 19	18,570	10,07
	Oct. 27	18,479	9,50
	Dec. 66	18,385	8,90
1811	Jan. 0	22 55 21,397	+14 11 28,35
	Apr. 10	21,302	27,73
	Jul. 19	21,208	27,10
	Oct. 27	21,114	26,46
	Dec. 66	21,020	25,81
1812	Jan. 1	22 55 24,032	+14 11 45,28
	Apr. 10	23,939	44,63
	Jul. 19	23,850	43,99
	Oct. 27	23,765	43,36
	Dec. 66	23,683	42,74
1813	Jan. 0	22 55 26,690	+14 12 2,19
	Apr. 10	26,611	1,58
	Jul. 19	26,538	1,01
	Oct. 27	26,471	0,46
	Dec. 66	26,410	11 59,94
1814	Jan. 0	22 55 29,410	+14 12 19,36
	Apr. 10	29,354	18,87
	Jul. 19	29,305	18,42
	Oct. 27	29,264	18,02
	Dec. 66	29,230	17,66
1815	Jan. 0	22 55 32,221	+14 12 37,03
	Apr. 10	32,193	36,71
	Jul. 19	32,174	36,44
	Oct. 27	32,163	36,23
	Dec. 66	32,160	36,07
1816	Jan. 1	22 55 35,141	+14 12 55,37
	Apr. 10	35,144	55,25
	Jul. 19	35,155	55,19
	Oct. 27	35,175	55,18
	Dec. 66	35,203	55,23
1817	Jan. 0	22 55 38,173	+14 13 14,46
	Apr. 10	38,206	14,55
	Jul. 19	38,247	14,69
	Oct. 27	38,294	14,89
	Dec. 66	38,349	15,14
1818	Jan. 0	22 55 41,311	+14 13 34,31
	Apr. 10	41,370	34,60
	Jul. 19	41,434	34,93
	Oct. 27	41,504	35,31
	Dec. 66	41,579	35,73
1819	Jan. 0	22 55 44,534	+14 13 54,84
	Apr. 10	44,612	55,29
	Jul. 19	44,693	55,77
	Oct. 27	44,777	56,29
	Dec. 66	44,864	56,84
1820	Jan. 1	22 55 47,816	+14 14 15,9
	Apr. 10	47,905	16,4
	Jul. 19	47,994	17,0
	Oct. 27	48,084	17,6
	Dec. 66	48,175	18,2
1821	Jan. 0	22 55 51,125	+14 14 37,2
	Apr. 10	51,215	37,9
	Jul. 19	51,304	38,5
	Oct. 27	51,390	39,1
	Dec. 66	51,474	39,7
1822	Jan. 0	22 55 54,427	+14 14 58,3
	Apr. 10	54,509	59,4
	Jul. 19	54,587	15 0,0
	Oct. 27	54,661	0,6
	Dec. 66	54,730	1,1
1823	Jan. 0	22 55 57,688	+14 15 20,2
	Apr. 10	57,753	20,7
	Jul. 19	57,812	21,2
	Oct. 27	57,864	21,7
	Dec. 66	57,910	22,1
1824	Jan. 1	22 56 0,876	+14 15 41,2
	Apr. 10	0,917	41,6
	Jul. 19	0,950	42,0
	Oct. 27	0,974	42,3
	Dec. 66	0,991	42,5
1825	Jan. 0	22 56 3,968	+14 16 1,7
	Apr. 10	3,979	1,9
	Jul. 19	3,981	2,1
	Oct. 27	3,975	2,4
	Dec. 66	3,960	2,5
1826	Jan. 0	22 56 6,947	+14 16 21,5
	Apr. 10	6,926	21,5
	Jul. 19	6,897	21,4
	Oct. 27	6,860	21,3
	Dec. 66	6,815	21,1
1827	Jan. 0	22 56 9,812	+14 16 40,5
	Apr. 10	9,761	40,3
	Jul. 19	9,704	40,0
	Oct. 27	9,640	39,6
	Dec. 66	9,569	39,3
1828	Jan. 1	22 56 12,575	+14 16 58,7
	Apr. 10	12,500	58,3
	Jul. 19	12,421	57,8
	Oct. 27	12,337	57,3
	Dec. 66	12,248	56,8
1829	Jan. 0	22 56 15,260	+14 17 16,2
	Apr. 10	15,169	15,7
	Jul. 19	15,077	15,1
	Oct. 27	14,984	14,5
	Dec. 66	14,889	13,8

Tabulae X. Sect. IV. *a Pegasi.*

	1820		1820		Var. 10 annor.	
	″	″	″	″		
Jan. 0	−0,558	− 9,6	+ 3,44	−10,6	+3	+2
10	−0,647	− 8,0	+ 2,32	−11,7	+2	+2
20	−0,717	− 6,0	+ 1,10	−12,5	+2	+2
30	−0,767	− 3,8	− 0,17	−12,6	+2	+2
Febr. 9	−0,792	− 1,1	− 1,42	−12,2	+1	+2
19	−0,789	+ 1,9	− 2,60	−11,2	+1	+2
Mart. 1	−0,755	+ 5,1	− 3,65	− 9,5	0	+2
11	−0,687	+ 8,7	− 4,50	− 7,2	−1	+1
21	−0,582	+12,4	− 5,09	− 4,5	−1	+1
31	−0,440	+16,1	− 5,39	− 1,4	−1	+1
Apr. 10	−0,261	+19,7	− 5,36	+ 2,0	−2	0
20	−0,046	+23,2	− 4,99	+ 5,6	−2	0
30	+0,202	+26,2	− 4,25	+ 9,1	−2	0
Maj. 10	+0,477	+28,6	− 3,18	+12,4	−3	−1
20	+0,774	+30,5	− 1,78	+15,4	−3	−1
30	+1,086	+31,6	− 0,10	+18,0	−3	−1
Jun. 9	+1,406	+31,9	+ 1,82	+20,1	−3	−1
19	+1,723	+31,3	+ 3,92	+21,6	−2	−2
29	+2,031	+29,9	+ 6,14	+22,6	−2	−2
Jul. 9	+2,321	+27,8	+ 8,44	+23,1	−2	−2
19	+2,586	+24,9	+10,75	+22,9	−2	−1
29	+2,819	+21,5	+13,01	+22,1	−1	−1
Aug. 8	+3,015	+17,6	+15,17	+21,0	−1	−1
18	+3,171	+13,5	+17,20	+19,5	0	−1
28	+3,285	+ 9,3	+19,06	+17,6	0	−1
Sept. 7	+3,356	+ 5,1	+20,72	+15,5	+1	0
17	+3,387	+ 1,3	+22,15	+13,2	+1	0
27	+3,381	− 2,4	+23,35	+10,8	+2	0
Oct. 7	+3,340	− 5,5	+24,30	+ 8,3	+2	+1
17	+3,272	− 7,9	+25,01	+ 5,9	+3	+1
27	+3,182	− 9,9	+25,47	+ 3,4	+3	+2
Nov. 6	+3,075	−11,3	+25,68	+ 0,9	+3	+2
16	+2,957	−12,0	+25,65	− 1,5	+3	+2
26	+2,835	−12,3	+25,39	− 3,7	+4	+3
Dec. 6	+2,712	−12,1	+24,91	− 5,9	+4	+3
16	+2,593	−11,4	+24,22	− 7,9	+4	+3
26	+2,485	−10,3	+23,34	− 9,6	+3	+3
36	+2,388	− 9,0	+22,30	−11,1	+3	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	22 55 18,2612	+14 11 6,523
1811	55 21,2416	11 25,770
1812	55 24,2221	11 45,019
1813	55 27,2026	12 4,269
1814	55 30,1832	12 23,520
1815	55 33,1638	12 42,772
1816	55 36,1445	13 2,025
1817	55 39,1252	13 21,279
1818	55 42,1060	13 40,535
1819	55 45,0869	13 59,792
1820	55 48,0678	14 19,050
1821	55 51,0488	14 38,309
1822	55 54,0298	14 57,569
1823	55 57,0109	15 16,830
1824	55 59,9919	15 36,093
1825	56 2,9730	15 55,357
1826	56 5,9542	16 14,622
1827	56 8,9355	16 33,888
1828	56 11,9168	16 53,155
1829	56 14,8982	17 12,423
1830	56 17,8797	17 31,692

Diei reducto addendum est:

ante / post } Mart. 2 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Andromedae.*

1810	Jan. 0	23h 58′ 36″,027	+ 28° 2′ 29″,90
	Apr. 10	35,943	29,30
	Jul. 19	35,855	28,68
	Oct. 27	35,763	28,06
	Dec. 66	35,667	27,43
1811	Jan. 0	23 58 38,775	+ 28 2 47,54
	Apr. 10	38,677	46,91
	Jul. 19	38,577	46,29
	Oct. 27	38,477	45,68
	Dec. 66	38,376	45,07
1812	Jan. 1	23 58 41,485	+ 28 3 5,18
	Apr. 10	41,384	4,59
	Jul. 19	41,285	4,03
	Oct. 27	41,188	3,50
	Dec. 66	41,094	3,01
1813	Jan. 0	23 58 44,200	+ 28 3 23,07
	Apr. 10	44,108	22,60
	Jul. 19	44,022	22,17
	Oct. 27	43,940	21,79
	Dec. 66	43,864	21,45
1814	Jan. 0	23 58 46,965	+ 28 3 41,47
	Apr. 10	46,893	41,16
	Jul. 19	46,828	40,91
	Oct. 27	46,771	40,72
	Dec. 66	46,721	40,58
1815	Jan. 0	23 58 49,813	+ 28 4 0,52
	Apr. 10	49,768	0,42
	Jul. 19	49,733	0,38
	Oct. 27	49,706	0,39
	Dec. 66	49,689	0,46
1816	Jan. 1	23 58 52,769	+ 28 4 20,33
	Apr. 10	52,757	20,44
	Jul. 19	52,754	20,60
	Oct. 27	52,759	20,81
	Dec. 66	52,774	21,08
1817	Jan. 0	23 58 55,844	+ 28 4 40,89
	Apr. 10	55,865	41,19
	Jul. 19	55,894	41,53
	Oct. 27	55,931	41,91
	Dec. 66	55,976	42,34
1818	Jan. 0	23 58 59,037	+ 28 5 2,10
	Apr. 10	59,087	2,54
	Jul. 19	59,144	3,02
	Oct. 27	59,208	3,54
	Dec. 66	59,279	4,09
1819	Jan. 0	23 59 2,331	+ 28 5 23,81
	Apr. 10	2,405	24,37
	Jul. 19	2,484	24,94
	Oct. 27	2,567	25,52
	Dec. 66	2,655	26,12
1820	Jan. 1	23h 59′ 5″,702	+ 28° 5′ 45″,83
	Apr. 10	5,793	46,43
	Jul. 19	5,885	47,03
	Oct. 27	5,980	47,62
	Dec. 66	6,076	48,22
1821	Jan. 0	23 59 9,121	+ 28 6 7,92
	Apr. 10	9,218	8,51
	Jul. 19	9,314	9,07
	Oct. 27	9,409	9,61
	Dec. 66	9,504	10,14
1822	Jan. 0	23 59 12,550	+ 28 6 29,87
	Apr. 10	12,643	30,37
	Jul. 19	12,733	30,84
	Oct. 27	12,820	31,27
	Dec. 66	12,903	31,67
1823	Jan. 0	23 59 15,954	+ 28 6 51,45
	Apr. 10	16,032	51,82
	Jul. 19	16,106	52,14
	Oct. 27	16,173	52,41
	Dec. 66	16,235	52,64
1824	Jan. 1	23 59 19,292	+ 28 7 12,47
	Apr. 10	19,349	12,66
	Jul. 19	19,398	12,80
	Oct. 27	19,439	12,88
	Dec. 66	19,471	12,90
1825	Jan. 0	23 59 22,539	+ 28 7 32,81
	Apr. 10	22,566	32,79
	Jul. 19	22,584	32,72
	Oct. 27	22,593	32,59
	Dec. 66	22,592	32,41
1826	Jan. 0	23 59 25,671	+ 28 7 52,38
	Apr. 10	25,665	52,16
	Jul. 19	25,649	51,89
	Oct. 27	25,624	51,56
	Dec. 66	25,590	51,18
1827	Jan. 0	23 59 28,680	+ 28 8 11,22
	Apr. 10	28,640	10,81
	Jul. 19	28,592	10,37
	Oct. 27	28,536	9,88
	Dec. 66	28,471	9,35
1828	Jan. 1	23 59 31,572	+ 28 8 29,44
	Apr. 10	31,502	28,89
	Jul. 19	31,427	28,32
	Oct. 27	31,346	27,73
	Dec. 66	31,259	27,11
1829	Jan. 0	23 59 34,367	+ 28 8 47,22
	Apr. 10	34,276	46,60
	Jul. 19	34,182	45,98
	Oct. 27	34,086	45,35
	Dec. 66	33,987	44,72

Tabulae X. Sect. IV. *α Andromedae.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−0,205	−13,6	+ 8,32	− 8,3	+3	+2
10	−0,340	−13,1	+ 7,36	−10,9	+3	+2
20	−0,467	−12,1	+ 6,15	−13,1	+3	+3
30	−0,582	−10,6	+ 4,74	−14,8	+2	+3
Febr. 9	−0,678	− 8,4	+ 3,20	−15,8	+2	+3
19	−0,749	− 5,5	+ 1,59	−16,2	+1	+3
Mart. 1	−0,788	− 2,1	− 0,03	−15,7	+1	+3
11	−0,791	+ 1,8	− 1,55	−14,5	0	+3
21	−0,753	+ 6,1	− 2,93	−12,6	0	+2
31	−0,670	+10,6	− 4,07	−10,0	−1	+2
Apr. 10	−0,541	+15,2	− 4,93	− 6,9	−1	+2
20	−0,366	+19,7	− 5,44	− 3,3	−2	+1
30	−0,148	+23,8	− 5,59	+ 0,5	−2	+1
Maj. 10	+0,109	+27,4	− 5,34	+ 4,5	−2	0
20	+0,400	+30,4	− 4,70	+ 8,3	−3	0
30	+0,717	+32,6	− 3,68	+12,0	−3	−1
Jun. 9	+1,051	+33,9	− 2,30	+15,4	−3	−1
19	+1,394	+34,3	− 0,60	+18,4	−2	−2
29	+1,737	+33,8	+ 1,37	+20,8	−2	−2
Jul. 9	+2,070	+32,5	+ 3,56	+22,8	−2	−2
19	+2,386	+30,3	+ 5,92	+24,1	−2	−3
29	+2,676	+27,4	+ 8,38	+24,8	−1	−3
Aug. 8	+2,934	+24,0	+10,88	+25,0	−1	−3
18	+3,156	+20,3	+13,38	+24,7	0	−3
28	+3,339	+16,2	+15,82	+23,9	0	−3
Sept. 7	+3,480	+12,1	+18,16	+22,8	+1	−3
17	+3,580	+ 8,0	+20,37	+21,1	+2	−2
27	+3,640	+ 4,1	+22,37	+19,0	+2	−2
Oct. 7	+3,662	+ 0,6	+24,17	+16,9	+3	−2
17	+3,651	− 2,5	+25,74	+14,4	+3	−1
27	+3,609	− 5,6	+27,05	+11,7	+4	−1
Nov. 6	+3,540	− 7,9	+28,08	+ 8,8	+4	0
16	+3,451	− 9,9	+28,81	+ 6,0	+5	0
26	+3,343	−11,4	+29,25	+ 2,9	+5	+1
Dec. 6	+3,223	−12,6	+29,38	− 0,3	+5	+1
16	+3,092	−13,3	+29,19	− 3,5	+5	+1
26	+2,957	−13,4	+28,69	− 6,5	+5	+2
36	+2,820	−13,5	+27,90	− 9,3	+5	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	23 58 35,3688	+ 28 2 27,526
1811	58 38,4440	2 47,432
1812	58 41,5194	3 7,339
1813	58 44,5949	3 27,245
1814	58 47,6706	3 47,152
1815	58 50,7465	4 7,058
1816	58 53,8226	4 26,965
1817	58 56,8988	4 46,871
1818	58 59,9752	5 6,777
1819	59 3,0517	5 26,684
1820	59 6,1285	5 46,590
1821	59 9,2054	6 6,496
1822	59 12,2825	6 26,402
1823	59 15,3598	6 46,309
1824	59 18,4373	7 6,215
1825	59 21,5150	7 26,121
1826	59 24,5928	7 46,027
1827	59 27,6708	8 5,933
1828	59 30,7490	8 25,839
1829	59 33,8274	8 45,745
1830	59 36,9059	9 5,650

Diei reducto addendum est:

ante / post } Mart. 19 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Ursae minoris.*

						☉ + ☊	☽
		h ′ ″	″	° ′ ″	″		
1810	Jan. 0	0 54 59,98	+ 0,14	88 17 39,82	— 0,65	331	592
	Apr. 10	55 0,12	— 0,04	39,17	— 0,64		
	Jul. 19	0,08	— 0,20	38,53	— 0,63		
	Oct. 27	54 59,88	— 0,37	37,90	— 0,62		
	Dec. 66	59,51		37,28			
1811	Jan. 0	0 55 13,46	— 0,49	88 17 56,97	— 0,60	277	960
	Apr. 10	12,97	— 0,66	56,37	— 0,58		
	Jul. 19	12,31	— 0,82	55,79	— 0,56		
	Oct. 27	11,49	— 0,98	55,23	— 0,52		
	Dec. 66	10,51		54,71			
1812	Jan. 1	0 55 24,74	— 1,08	88 18 14,37	— 0,50	223	328
	Apr. 10	23,66	— 1,21	13,87	— 0,45		
	Jul. 19	22,45	— 1,35	13,42	— 0,40		
	Oct. 27	21,10	— 1,47	13,02	— 0,36		
	Dec. 66	19,63		12,66			
1813	Jan. 0	0 55 34,10	— 1,55	88 18 32,26	— 0,33	170	697
	Apr. 10	32,55	— 1,62	31,93	— 0,26		
	Jul. 19	30,93	— 1,71	31,67	— 0,21		
	Oct. 27	29,22	— 1,79	31,46	— 0,16		
	Dec. 66	27,43		31,30			
1814	Jan. 0	0 55 42,08	— 1,82	88 18 50,82	— 0,11	116	065
	Apr. 10	40,26	— 1,85	50,71	— 0,06		
	Jul. 19	38,41	— 1,87	50,65	0,00		
	Oct. 27	36,54	— 1,89	50,65	+ 0,07		
	Dec. 66	34,65		50,72			
1815	Jan. 0	0 55 49,40	— 1,89	88 19 10,16	+ 0,10	062	433
	Apr. 10	47,51	— 1,85	10,26	+ 0,16		
	Jul. 19	45,66	— 1,82	10,42	+ 0,22		
	Oct. 27	43,84	— 1,78	10,64	+ 0,27		
	Dec. 66	42,06		10,91			
1816	Jan. 1	0 55 56,86	— 1,74	88 19 30,28	+ 0,30	009	801
	Apr. 10	55,12	— 1,65	30,58	+ 0,35		
	Jul. 19	53,47	— 1,56	30,93	+ 0,40		
	Oct. 27	51,91	— 1,47	31,33	+ 0,44		
	Dec. 66	50,44		31,77			
1817	Jan. 0	0 56 5,21	— 1,40	88 19 51,08	+ 0,46	955	170
	Apr. 10	3,81	— 1,27	51,54	+ 0,50		
	Jul. 19	2,54	— 1,23	52,04	+ 0,53		
	Oct. 27	1,41	— 1,01	52,57	+ 0,56		
	Dec. 66	0,40		53,13			
1818	Jan. 0	0 56 15,09	— 0,90	88 20 12,40	+ 0,57	901	538
	Apr. 10	14,19	— 0,75	12,97	+ 0,59		
	Jul. 19	13,44	— 0,59	13,56	+ 0,61		
	Oct. 27	12,85	— 0,44	14,17	+ 0,62		
	Dec. 66	12,41		14,79			
1819	Jan. 0	0 56 26,99	— 0,32	88 20 34,03	+ 0,62	847	906
	Apr. 10	26,67	— 0,15	34,65	+ 0,62		
	Jul. 19	26,52	+ 0,01	35,27	+ 0,61		
	Oct. 27	26,53	+ 0,18	35,88	+ 0,61		
	Dec. 66	26,71		36,49			

Tabulae X. Sect. IV. *α Ursae minoris.*

		α		δ		$\odot + \Omega$	$\mathfrak{D}$
1820	Jan. 1	$0^h\,56'\,41''{,}17$	$+0''{,}30$	$88°\,20'\,55''{,}73$	$+0''{,}59$	794	274
	Apr. 10	41,47	+ 0,46	56,32	+ 0,58		
	Jul. 19	41,93	+ 0,63	56,90	+ 0,56		
	Oct. 27	42,56	+ 0,78	57,46	+ 0,54		
	Dec. 66	43,34		58,00			
1821	Jan. 0	0 56 57,68	+ 0,89	88 21 17,24	+ 0,53	740	643
	Apr. 10	58,57	+ 1,04	17,77	+ 0,49		
	Jul. 19	59,61	+ 1,17	18,26	+ 0,44		
	Oct. 27	57 0,78	+ 1,31	18,70	+ 0,40		
	Dec. 66	2,09		19,10			
1822	Jan. 0	0 57 16,34	+ 1,40	88 21 38,41	+ 0,37	686	011
	Apr. 10	17,74	+ 1,49	38,78	+ 0,33		
	Jul. 19	19,23	+ 1,60	39,11	+ 0,27		
	Oct. 27	20,83	+ 1,71	39,38	+ 0,23		
	Dec. 66	22,54		39,61			
1823	Jan. 0	0 57 36,75	+ 1,75	88 21 58,97	+ 0,19	632	379
	Apr. 10	38,50	+ 1,81	59,16	+ 0,14		
	Jul. 19	40,31	+ 1,86	59,30	+ 0,08		
	Oct. 27	42,17	+ 1,93	59,38	+ 0,02		
	Dec. 66	44,10		59,40			
1824	Jan. 1	0 57 58,33	+ 1,93	88 22 18,83	− 0,02	579	747
	Apr. 10	58 0,26	+ 1,93	18,81	− 0,07		
	Jul. 19	2,19	+ 1,92	18,74	− 0,14		
	Oct. 27	4,11	+ 1,92	18,60	− 0,18		
	Dec. 66	6,03		18,42			
1825	Jan. 0	0 58 20,36	+ 1,89	88 22 37,91	− 0,23	525	116
	Apr. 10	22,25	+ 1,82	37,68	− 0,28		
	Jul. 19	24,07	+ 1,76	37,40	− 0,33		
	Oct. 27	25,83	+ 1,69	37,07	− 0,38		
	Dec. 66	27,52		36,69			
1826	Jan. 0	0 58 42,03	+ 1,64	88 22 56,23	− 0,41	471	484
	Apr. 10	43,67	+ 1,51	55,82	− 0,46		
	Jul. 19	45,18	+ 1,38	55,36	− 0,49		
	Oct. 27	46,56	+ 1,25	54,87	− 0,54		
	Dec. 66	47,81		54,33			
1827	Jan. 0	0 59 2,56	+ 1,17	88 23 13,92	− 0,56	418	852
	Apr. 10	3,73	+ 1,00	13,36	− 0,58		
	Jul. 19	4,73	+ 0,84	12,78	− 0,61		
	Oct. 27	5,57	+ 0,68	12,17	− 0,63		
	Dec. 66	6,25		11,54			
1828	Jan. 1	0 59 21,29	+ 0,56	88 23 31,16	− 0,65	364	221
	Apr. 10	21,85	+ 0,37	30,51	− 0,64		
	Jul. 19	22,22	+ 0,19	29,87	− 0,64		
	Oct. 27	22,41	+ 0,01	29,23	− 0,65		
	Dec. 66	22,42		28,58			
1829	Jan. 0	0 59 37,77	− 0,12	88 23 48,19	− 0,65	310	589
	Apr. 10	37,65	− 0,31	47,54	− 0,62		
	Jul. 19	37,34	− 0,49	46,92	− 0,61		
	Oct. 27	36,85	− 0,68	46,31	− 0,58		
	Dec. 66	36,17		45,73			

Tabulae X. Sect. IV. *α Ursae minoris.*

	Corr. A. R. pro 1820		Variatio annua		Corr. Decl. pro 1820		Variatio annua		Mot. Arg. ☉+☊	☽
	″	″	″		″	″	″			
Jan. 0	+ 6,01	−7,39	+0,0694	−230	+20,07	+0,60	−0,0024	+35	000	000
10	− 1,38	−7,44	+0,0464	−248	+20,67	−0,05	+0,0011	+36	026	365
20	− 8,82	−7,22	+0,0216	−256	+20,62	−0,70	+0,0047	+35	052	730
30	−16,04	−6,71	−0,0040	−255	+19,92	−1,32	+0,0082	+31	078	095
Febr. 9	−22,75	−5,95	−0,0295	−243	+18,60	−1,86	+0,0113	+29	103	460
19	−28,70	−4,94	−0,0538	−222	+16,74	−2,33	+0,0142	+23	129	825
Mart. 1	−33,64	−3,76	−0,0760	−191	+14,41	−2,70	+0,0165	+17	155	190
11	−37,40	−2,43	−0,0951	−153	+11,71	−2,95	+0,0182	+11	181	555
21	−39,83	−1,03	−0,1104	−111	+ 8,76	−3,08	+0,0193	+ 5	207	920
31	−40,86	+0,41	−0,1215	− 64	+ 5,68	−3,08	+0,0198	− 3	233	285
Apr. 10	−40,45	+1,79	−0,1279	− 15	+ 2,60	−2,96	+0,0195	− 9	258	650
20	−38,66	+3,11	−0,1294	+ 33	− 0,36	−2,74	+0,0186	−15	284	015
30	−35,55	+4,28	−0,1261	+ 79	− 3,10	−2,41	+0,0171	−20	310	380
Maj. 10	−31,27	+5,30	−0,1182	+121	− 5,51	−2,00	+0,0151	−25	336	745
20	−25,97	+6,14	−0,1061	+160	− 7,51	−1,54	+0,0126	−28	362	110
30	−19,83	+6,78	−0,0901	+192	− 9,05	−1,02	+0,0098	−32	388	475
Jun. 9	−13,05	+7,21	−0,0709	+219	−10,07	−0,48	+0,0066	−33	413	840
19	− 5,84	+7,44	−0,0490	+240	−10,55	+0,07	+0,0033	−35	439	205
29	+ 1,60	+7,48	−0,0250	+255	−10,48	+0,63	−0,0002	−35	465	570
Jul. 9	+ 9,08	+7,34	+0,0005	+264	− 9,85	+1,16	−0,0037	−33	491	935
19	+16,42	+7,03	+0,0269	+265	− 8,69	+1,66	−0,0070	−34	517	300
29	+23,45	+6,57	+0,0534	+262	− 7,03	+2,13	−0,0104	−30	543	665
Aug. 8	+30,02	+5,96	+0,0796	+254	− 4,90	+2,56	−0,0134	−28	568	030
18	+35,98	+5,24	+0,1050	+240	− 2,34	+2,92	−0,0162	−24	594	395
28	+41,22	+4,42	+0,1290	+221	+ 0,58	+3,24	−0,0186	−21	620	760
Sept. 7	+45,64	+3,50	+0,1511	+198	+ 3,82	+3,48	−0,0207	−16	646	125
17	+49,14	+2,50	+0,1709	+171	+ 7,30	+3,67	−0,0223	−12	672	490
27	+51,64	+1,44	+0,1880	+140	+10,97	+3,77	−0,0235	− 6	698	855
Oct. 7	+53,08	+0,32	+0,2020	+104	+14,74	+3,81	−0,0241	− 1	723	220
17	+53,40	−0,83	+0,2124	+ 66	+18,55	+3,75	−0,0242	+ 4	749	585
27	+52,57	−1,98	+0,2190	+ 23	+22,30	+3,61	−0,0238	+10	775	950
Nov. 6	+50,59	−3,12	+0,2213	− 19	+25,91	+3,39	−0,0228	+16	801	315
16	+47,47	−4,21	+0,2194	− 62	+29,30	+3,06	−0,0212	+21	827	680
26	+43,26	−5,21	+0,2132	−106	+32,36	+2,66	−0,0191	+26	853	045
Dec. 6	+38,05	−6,07	+0,2026	−148	+35,02	+2,17	−0,0165	+30	879	410
16	+31,98	−6,76	+0,1878	−184	+37,19	+1,62	−0,0135	+33	904	775
26	+25,22	−7,24	+0,1694	−218	+38,81	+1,00	−0,0102	+36	930	140
36	+17,98		+0,1476		+39,81		−0,0066		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori { ante / post } Apr. 4 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Oct. 8 { + 1,5 / + 2,5 }

Tabulae X. Sect. IV. *α Ursae minoris.*

Motus Arg.		
Dies	☉+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ☉ + ☊		
Arg.	A. R.	Arg.
000	—0″,03 +	500
010	—0,03 +	510
020	—0,02 +	520
030	—0,02 +	530
040	—0,01 +	540
050	—0,01 +	550
060	—0,01 +	560
070	0,00	570
080	0,00	580
090	0,00	590
100	+0,01 —	600
110	+0,01 —	610
120	+0,02 —	620
130	+0,02 —	630
140	+0,02 —	640
150	+0,03 —	650
160	+0,03 —	660
170	+0,03 —	670
180	+0,04 —	680
190	+0,04 —	690
200	+0,04 —	700
210	+0,04 —	710
220	+0,05 —	720
230	+0,05 —	730
240	+0,05 —	740
250	+0,05 —	750
260	+0,05 —	760
270	+0,06 —	770
280	+0,06 —	780
290	+0,06 —	790
300	+0,06 —	800
310	+0,06 —	810
320	+0,06 —	820
330	+0,06 —	830
340	+0,06 —	840
350	+0,06 —	850
360	+0,06 —	860
370	+0,06 —	870
380	+0,06 —	880
390	+0,05 —	890
400	+0,05 —	900
410	+0,05 —	910
420	+0,05 —	920
430	+0,05 —	930
440	+0,04 —	940
450	+0,04 —	950
460	+0,04 —	960
470	+0,04 —	970
480	+0,04 —	980
490	+0,03 —	990

Arg. ☽			
Arg.	Arg.	A. R.	Decl.
000	500	— 0″,20	+ 0″,02
010	510	— 0,20	+ 0,01
020	520	— 0,20	0,00
030	530	— 0,20	— 0,01
040	540	— 0,20	— 0,02
050	550	— 0,19	— 0,03
060	560	— 0,18	— 0,04
070	570	— 0,17	— 0,05
080	580	— 0,15	— 0,05
090	590	— 0,14	— 0,06
100	600	— 0,12	— 0,07
110	610	— 0,09	— 0,07
120	620	— 0,07	— 0,08
130	630	— 0,05	— 0,08
140	640	— 0,02	— 0,08
150	650	+ 0,01	— 0,08
160	660	+ 0,03	— 0,08
170	670	+ 0,06	— 0,08
180	680	+ 0,08	— 0,07
190	690	+ 0,10	— 0,07
200	700	+ 0,12	— 0,06
210	710	+ 0,14	— 0,06
220	720	+ 0,16	— 0,05
230	730	+ 0,18	— 0,04
240	740	+ 0,19	— 0,03
250	750	+ 0,20	— 0,02
260	760	+ 0,20	— 0,01
270	770	+ 0,20	0,00
280	780	+ 0,20	+ 0,01
290	790	+ 0,20	+ 0,02
300	800	+ 0,19	+ 0,03
310	810	+ 0,18	+ 0,04
320	820	+ 0,17	+ 0,05
330	830	+ 0,15	+ 0,05
340	840	+ 0,14	+ 0,06
350	850	+ 0,12	+ 0,07
360	860	+ 0,09	+ 0,07
370	870	+ 0,07	+ 0,08
380	880	+ 0,05	+ 0,08
390	890	+ 0,02	+ 0,08
400	900	— 0,01	+ 0,08
410	910	— 0,03	+ 0,08
420	920	— 0,06	+ 0,08
430	930	— 0,08	+ 0,07
440	940	— 0,10	+ 0,07
450	950	— 0,12	+ 0,06
460	960	— 0,14	+ 0,06
470	970	— 0,16	+ 0,05
480	980	— 0,18	+ 0,04
490	990	— 0,19	+ 0,03

Tabulae X. Sect. IV. *α Ursae minoris.*

	A. R. med.		Decl. med.	
	h ′ ″	+	° ′ ″	+
1810	0 54 39,837	″ 13,805	88 17 39,574	″ 19,491
1811	54 53,642	13,884	17 59,065	19,487
1812	55 7,526	13,963	18 18,552	19,482
1813	55 21,489	14,043	18 38,034	19,477
1814	55 35,532	14,123	18 57,511	19,472
1815	55 49,655	14,204	19 16,983	19,467
1816	56 3,859	14,287	19 36,450	19,462
1817	56 18,146	14,369	19 55,912	19,458
1818	56 32,515	14,453	20 15,370	19,452
1819	56 46,968	14,537	20 34,822	19,448
1820	57 1,505	14,623	20 54,270	19,442
1821	57 16,128	14,708	21 13,712	19,436
1822	57 30,836	14,796	21 33,148	19,430
1823	57 45,632	14,884	21 52,578	19,424
1824	58 0,516	14,972	22 12,002	19,418
1825	58 15,488	15,061	22 31,420	19,413
1826	58 30,549	15,151	22 50,833	19,408
1827	58 45,701	15,243	23 10,241	19,402
1828	59 0,944	15,335	23 29,643	19,396
1829	59 16,279	15,429	23 49,039	19,389
1830	59 31,708		24 8,428	

Tabulae X. Sect. IV. δ *Ursae minoris.*

		h ′ ″	″	° ′ ″	″	☽
1810	Jan. 0	18 33 28,54	+ 0,61	86 34 22,41	+ 0,15	619
	Apr. 10	29,15	+ 0,60	22,56	+ 0,08	
	Jul. 19	29,75	+ 0,61	22,64	+ 0,01	
	Oct. 27	30,36	+ 0,60	22,65	— 0,05	
	Dec. 66	30,96		22,60		
1811	Jan. 0	18 33 11,76	+ 0,60	86 34 25,55	— 0,12	987
	Apr. 10	12,36	+ 0,58	25,43	— 0,20	
	Jul. 19	12,94	+ 0,54	25,23	— 0,27	
	Oct. 27	13,48	+ 0,53	24,96	— 0,35	
	Dec. 66	14,01		24,61		
1812	Jan. 1	18 32 54,84	+ 0,51	86 34 27,63	— 0,40	355
	Apr. 10	55,35	+ 0,46	27,23	— 0,45	
	Jul. 19	55,81	+ 0,42	26,78	— 0,52	
	Oct. 27	56,23	+ 0,39	26,26	— 0,59	
	Dec. 66	56,62		25,67		
1813	Jan. 0	18 32 37,49	+ 0,36	86 34 28,74	— 0,62	723
	Apr. 10	37,85	+ 0,31	28,12	— 0,66	
	Jul. 19	38,16	+ 0,25	27,46	— 0,70	
	Oct. 27	38,41	+ 0,21	26,76	— 0,75	
	Dec. 66	38,62		26,01		
1814	Jan. 0	18 32 19,54	+ 0,17	86 34 29,11	— 0,77	092
	Apr. 10	19,71	+ 0,11	28,34	— 0,79	
	Jul. 19	19,82	+ 0,06	27,55	— 0,80	
	Oct. 27	19,88	0,00	26,75	— 0,82	
	Dec. 66	19,88		25,93		
1815	Jan. 0	18 32 0,87	— 0,03	86 34 29,02	— 0,83	460
	Apr. 10	0,84	— 0,09	28,19	— 0,82	
	Jul. 19	0,75	— 0,14	27,37	— 0,81	
	Oct. 27	0,61	— 0,20	26,56	— 0,80	
	Dec. 66	0,41		25,76		
1816	Jan. 1	18 31 41,46	— 0,23	86 34 28,81	— 0,79	828
	Apr. 10	41,23	— 0,27	28,02	— 0,76	
	Jul. 19	40,96	— 0,33	27,26	— 0,73	
	Oct. 27	40,63	— 0,36	26 53	— 0,70	
	Dec. 66	40,27		25,83		
1817	Jan. 0	18 31 21,36	— 0,39	86 34 28,82	— 0,67	196
	Apr. 10	20,97	— 0,43	28,15	— 0,62	
	Jul. 19	20,54	— 0,46	27,53	— 0,56	
	Oct. 27	20,08	— 0,49	26,97	— 0,52	
	Dec. 66	19,59		26,45		
1818	Jan. 0	18 31 0,71	— 0,51	86 34 29,35	— 0,48	565
	Apr. 10	0,20	— 0,53	28,87	— 0,41	
	Jul. 19	30 59,67	— 0,55	28,46	— 0,35	
	Oct. 27	59,12	— 0,56	28,11	— 0,29	
	Dec. 66	58,56		27,82		
1819	Jan. 0	18 30 39,69	— 0,57	86 34 30,61	— 0,23	933
	Apr. 10	39,12	— 0,57	30,38	— 0,17	
	Jul. 19	38,54	— 0,58	30,21	— 0,09	
	Oct. 27	37,96	— 0,58	30,12	— 0,02	
	Dec. 66	37,38		30,10		

Tabulae X. Sect. IV. δ *Ursae minoris.*

		α		δ		D
		h ′ ″	″	° ′ ″	″	
1820	Jan. 1	18 30 18,52	— 0,58	86 34 32,77	+ 0,02	301
	Apr. 10	17,94	— 0,57	32,79	+ 0,10	
	Jul. 19	17,37	— 0,54	32,89	+ 0,17	
	Oct. 27	16,83	— 0,54	33,06	+ 0,25	
	Dec. 66	16,29		33,31		
1821	Jan. 0	18 29 57,40	— 0,52	86 34 35,87	+ 0,28	669
	Apr. 10	56,88	— 0,50	36,15	+ 0,35	
	Jul. 19	56,38	— 0,46	36,50	+ 0,42	
	Oct. 27	55,92	— 0,43	36,92	+ 0,48	
	Dec. 66	55,49		37,40		
1822	Jan. 0	18 29 36,55	— 0,41	86 34 39,85	+ 0,52	038
	Apr. 10	36,14	— 0,37	40,37	+ 0,57	
	Jul. 19	35,77	— 0,33	40,94	+ 0,62	
	Oct. 27	35,44	— 0,28	41,56	+ 0,67	
	Dec. 66	35,16		42,23		
1823	Jan. 0	18 29 16,16	— 0,25	86 34 44,59	+ 0,70	406
	Apr. 10	15,91	— 0,20	45,29	+ 0,73	
	Jul. 19	15,71	— 0,16	46,01	+ 0,76	
	Oct. 27	15,55	— 0,10	46,77	+ 0,79	
	Dec. 66	15,45		47,56		
1824	Jan. 1	18 28 56,38	— 0,07	86 34 49,86	+ 0,80	774
	Apr. 10	56,31	— 0,01	50,66	+ 0,81	
	Jul. 19	56,30	+ 0,04	51,47	+ 0,82	
	Oct. 27	56,34	+ 0,09	52,29	+ 0,82	
	Dec. 66	56,43		53,11		
1825	Jan. 0	18 28 37,28	+ 0,13	86 34 55,37	+ 0,82	143
	Apr. 10	37,41	+ 0,19	56,19	+ 0,80	
	Jul. 19	37,60	+ 0,23	56,99	+ 0,79	
	Oct. 27	37,83	+ 0,29	57,78	+ 0,76	
	Dec. 66	38,12		58,54		
1826	Jan. 0	18 28 18,90	+ 0,32	86 35 0,80	+ 0,74	511
	Apr. 10	19,22	+ 0,36	1,54	+ 0,70	
	Jul. 19	19,58	+ 0,41	2,24	+ 0,66	
	Oct. 27	19,99	+ 0,45	2,90	+ 0,62	
	Dec. 66	20,44		3,52		
1827	Jan. 0	18 28 1,16	+ 0,47	86 35 5,80	+ 0,57	879
	Apr. 10	1,63	+ 0,51	6,37	+ 0,52	
	Jul. 19	2,14	+ 0,53	6,89	+ 0,46	
	Oct. 27	2,67	+ 0,56	7,35	+ 0,39	
	Dec. 66	3,23		7,74		
1828	Jan. 1	18 27 43,91	+ 0,57	86 35 10,07	+ 0,35	247
	Apr. 10	44,48	+ 0,59	10,42	+ 0,27	
	Jul. 19	45,07	+ 0,60	10,69	+ 0,20	
	Oct. 27	45,67	+ 0,61	10,89	+ 0,12	
	Dec. 66	46,28		11,01		
1829	Jan. 0	18 27 26,94	+ 0,60	86 35 13,40	+ 0,07	616
	Apr. 10	27,54	+ 0,61	13,47	— 0,01	
	Jul. 19	28,15	+ 0,59	13,46	— 0,09	
	Oct. 27	28,74	+ 0,59	13,37	— 0,16	
	Dec. 66	29,33		13,21		

Tabulae X. Sect. IV. δ *Ursae minoris.*

	Corr. A. R. pro 1820		Variatio annua		Corr. Decl. pro 1820		Variatio annua		Mot. ☽
Jan. 0	−22″,65		−0″,0049		− 0″,09		−0″,0278		000
		− 0″,12		+50		− 3″,36		− 3	
10	−22,77		+0,0001		− 3,45		−0,0281		365
		+ 0,60		+50		− 3,29		+ 6	
20	−22,17		+0,0051		− 6,74		−0,0275		730
		+ 1,30		+50		− 3,10		+15	
30	−20,87		+0,0101		− 9,84		−0,0260		095
		+ 1,93		+46		− 2,79		+22	
Febr. 9	−18,94		+0,0147		−12,63		−0,0238		460
		+ 2,49		+42		− 2,38		+29	
19	−16,45		+0,0189		−15,01		−0,0209		825
		+ 2,95		+34		− 1,87		+36	
Mart 1	−13,50		+0,0223		−16,88		−0,0173		190
		+ 3,27		+27		− 1,31		+39	
11	−10,23		+0,0250		−18,19		−0,0134		555
		+ 3,47		+18		− 0,69		+42	
21	− 6,76		+0,0268		−18,88		−0,0092		920
		+ 3,53		+ 9		− 0,06		+43	
31	− 3,23		+0,0277		−18,94		−0,0049		285
		+ 3,46		0		+ 0,56		+42	
Apr. 10	+ 0,23		+0,0277		−18,38		−0,0007		650
		+ 3,25		−11		+ 1,16		+40	
20	+ 3,48		+0,0266		−17,22		+0,0033		015
		+ 2,94		−19		+ 1,69		+35	
30	+ 6,42		+0,0247		−15,53		+0,0068		380
		+ 2,53		−27		+ 2,17		+31	
Maj. 10	+ 8,95		+0,0220		−13,36		+0,0099		745
		+ 2,02		−35		+ 2,55		+24	
20	+10,97		+0,0185		−10,81		+0,0123		110
		+ 1,47		−40		+ 2,86		+17	
30	+12,44		+0,0145		− 7,95		+0,0140		475
		+ 0,87		−45		+ 3,08		+ 9	
Jun. 9	+13,31		+0,0100		− 4,87		+0,0149		840
		+ 0,25		−48		+ 3,19		+ 2	
19	+13,56		+0,0052		− 1,68		+0,0151		205
		− 0,38		−50		+ 3,22		− 6	
29	+13,18		+0,0002		+ 1,54		+0,0145		570
		− 1,00		−50		+ 3,17		−14	
Jul. 9	+12,18		−0,0048		+ 4,71		+0,0131		935
		− 1,59		−50		+ 3,04		−21	
19	+10,59		−0,0098		+ 7,75		+0,0110		300
		− 2,14		−47		+ 2,83		−28	
29	+ 8,45		−0,0145		+10,58		+0,0082		665
		− 2,64		−46		+ 2,57		−35	
Aug. 8	+ 5,81		−0,0191		+13,15		+0,0047		030
		− 3,10		−40		+ 2,26		−39	
18	+ 2,71		−0,0231		+15,41		+0,0008		395
		− 3,47		−36		+ 1,88		−45	
28	− 0,76		−0,0267		+17,29		−0,0037		760
		− 3,79		−31		+ 1,48		−47	
Sept. 7	− 4,55		−0,0298		+18,77		−0,0084		125
		− 4,02		−23		+ 1,03		−51	
17	− 8,57		−0,0321		+19,80		−0,0135		490
		− 4,16		−18		+ 0,57		−53	
27	−12,73		−0,0339		+20,37		−0,0188		855
		− 4,23		−11		+ 0,08		−53	
Oct. 7	−16,96		−0,0350		+20,45		−0,0241		220
		− 4,18		− 2		− 0,42		−52	
17	−21,14		−0,0352		+20,03		−0,0293		585
		− 4,06		+ 5		− 0,91		−51	
27	−25,20		−0,0347		+19,12		−0,0344		950
		− 3,82		+12		− 1,41		−48	
Nov. 6	−29,02		−0,0335		+17,71		−0,0392		315
		− 3,48		+21		− 1,88		−43	
16	−32,50		−0,0314		+15,83		−0,0435		680
		− 3,06		+28		− 2,32		−39	
26	−35,56		−0,0286		+13,51		−0,0474		045
		− 2,53		+35		− 2,69		−32	
Dec. 6	−38,09		−0,0251		+10,82		−0,0506		410
		− 1,94		+40		− 3,01		−25	
16	−40,03		−0,0211		+ 7,81		−0,0531		775
		− 1,27		+45		− 3,22		−17	
26	−41,30		−0,0166		+ 4,59		−0,0548		140
		− 0,56		+50		− 3,34		− 8	
36	−41,86		−0,0116		+ 1,25		−0,0556		505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori { ante / post } Dec. 29 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Jun. 29 { + 0,5 / + 1,5 }

Tabulae X. Sect. IV. δ *Ursae minoris.*

Motus Arg.

Dies	☽
1	37
2	73
3	110
4	146
5	183
6	219
7	256
8	292
9	329
10	365

Argumentum ☽

Arg.	Arg.	A. R.	Decl.	Arg.	Arg.
		″	″		
0	500	— 0,01 +	— 0,09 +	250	750
10	510	0,00	— 0,09 +	260	760
20	520	+ 0,01 —	— 0,09 +	270	770
30	530	+ 0,02 —	— 0,08 +	280	780
40	540	+ 0,03 —	— 0,08 +	290	790
50	550	+ 0,03 —	— 0,08 +	300	800
60	560	+ 0,04 —	— 0,07 +	310	810
70	570	+ 0,05 —	— 0,06 +	320	820
80	580	+ 0,06 —	— 0,06 +	330	830
90	590	+ 0,06 —	— 0,05 +	340	840
100	600	+ 0,07 —	— 0,04 +	350	850
110	610	+ 0,07 —	— 0,03 +	360	860
120	620	+ 0,08 —	— 0,02 +	370	870
130	630	+ 0,08 —	— 0,01 +	380	880
140	640	+ 0,08 —	+ 0,01 —	390	890
150	650	+ 0,08 —	+ 0,02 —	400	900
160	660	+ 0,07 —	+ 0,03 —	410	910
170	670	+ 0,07 —	+ 0,04 —	420	920
180	680	+ 0,07 —	+ 0,05 —	430	930
190	690	+ 0,06 —	+ 0,06 —	440	940
200	700	+ 0,06 —	+ 0,06 —	450	950
210	710	+ 0,05 —	+ 0,07 —	460	960
220	720	+ 0,04 —	+ 0,08 —	470	970
230	730	+ 0,03 —	+ 0,08 —	480	980
240	740	+ 0,02 —	+ 0,08 —	490	990
250	750	+ 0,01 —	+ 0,09 —	500	1000

Tabulae X. Sectio quinta.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque* α *et* δ
Ursae minoris,

ab Anno 1830 usque ad Annum 1850.

Tabulae X. Sect. V. *γ Pegasi.*

1830	Jan. 0	0h 4′ 29″,480	+14° 14′ 15″,50	1840	Jan. 1	0h 5′ 0″,463	+14° 17′ 39″,22
	Apr. 10	29,382	14,87		Apr. 10	0,555	39,76
	Jul. 19	29,285	14,27		Jul. 19	0,643	40,28
	Oct. 27	29,190	13,69		Oct. 27	0,728	40,78
	Dec. 66	29,096	13,13		Dec. 66	0,810	41,26
1831	Jan. 0	0 4 32,206	+14 14 33,34	1841	Jan. 0	0 5 3,864	+14 18 1,13
	Apr. 10	32,115	32,80		Apr. 10	3,943	1,57
	Jul. 19	32,028	32,30		Jul. 19	4,017	1,97
	Oct. 27	31,946	31,83		Oct. 27	4,086	2,34
	Dec. 66	31,868	31,40		Dec. 66	4,149	2,65
1832	Jan. 1	0 4 34,973	+14 14 51,57	1842	Jan. 0	0 5 7,209	+14 18 22,57
	Apr. 10	34,899	51,17		Apr. 10	7,268	22,86
	Jul. 19	34,832	50,82		Jul. 19	7,319	23,09
	Oct. 27	34,772	50,52		Oct. 27	7,363	23,27
	Dec. 66	34,719	50,28		Dec. 66	7,399	23,40
1833	Jan. 0	0 4 37,815	+14 15 10,38	1843	Jan. 0	0 5 10,468	+14 18 43,39
	Apr. 10	37,767	10,17		Apr. 10	10,499	43,48
	Jul. 19	37,728	10,02		Jul. 19	10,521	43,52
	Oct. 27	37,697	9,93		Oct. 27	10,535	43,50
	Dec. 66	37,675	9,89		Dec. 66	10,540	43,42
1834	Jan. 0	0 4 40,761	+14 15 29,92	1844	Jan. 1	0 5 13,620	+14 19 3,48
	Apr. 10	40,744	29,92		Apr. 10	13,619	3,36
	Jul. 19	40,736	29,97		Jul. 19	13,609	3,19
	Oct. 27	40,737	30,09		Oct. 27	13,590	2,96
	Dec. 66	40,747	30,26		Dec. 66	13,563	2,68
1835	Jan. 0	0 4 43,823	+14 15 50,22	1845	Jan. 0	0 5 16,654	+14 19 22,81
	Apr. 10	43,839	50,42		Apr. 10	16,620	22,49
	Jul. 19	43,863	50,67		Jul. 19	16,578	22,13
	Oct. 27	43,894	50,97		Oct. 27	16,528	21,72
	Dec. 66	43,933	51,32		Dec. 66	16,471	21,27
1836	Jan. 1	0 4 46,999	+14 16 11,23	1846	Jan. 0	0 5 19,572	+14 19 41,45
	Apr. 10	47,044	11,61		Apr. 10	19,509	40,97
	Jul. 19	47,096	12,03		Jul. 19	19,440	40,46
	Oct. 27	47,155	12,48		Oct. 27	19,365	39,91
	Dec. 66	47,220	12,97		Dec. 66	19,284	39,33
1837	Jan. 0	0 4 50,277	+14 16 32,83	1847	Jan. 0	0 5 22,393	+14 19 59,55
	Apr. 10	50,347	33,35		Apr. 10	22,308	58,96
	Jul. 19	50,421	33,88		Jul. 19	22,219	58,35
	Oct. 27	50,500	34,44		Oct. 27	22,127	57,73
	Dec. 66	50,583	35,01		Dec. 66	22,032	57,10
1838	Jan. 0	0 4 53,635	+14 16 54,84	1848	Jan. 1	0 5 25,145	+14 20 17,34
	Apr. 10	53,721	55,43		Apr. 10	25,048	16,71
	Jul. 19	53,809	56,02		Jul. 19	24,951	16,08
	Oct. 27	53,900	56,62		Oct. 27	24,853	15,46
	Dec. 66	53,993	57,22		Dec. 66	24,755	14,85
1839	Jan. 0	0 4 57,042	+14 17 17,05	1849	Jan. 0	0 5 27,869	+14 20 35,03
	Apr. 10	57,136	17,65		Apr. 10	27,772	34,48
	Jul. 19	57,229	18,24		Jul. 19	27,678	33,91
	Oct. 27	57,322	18,82		Oct. 27	27,586	33,37
	Dec. 66	57,414	19,38		Dec. 66	27,497	32,85

Tabulae X. Sect. V. γ *Pegasi.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−0,146	−11,3	+ 3,81	− 7,6	+3	+2	1830	0 4 29,4552	+14 14 16,497
10	−0,259	−11,0	+ 2,99	− 8,8	+3	+2	1831	4 32,5347	14 36,524
20	−0,366	−10,3	+ 2,05	− 9,8	+3	+2	1832	4 35,6143	14 56,551
30	−0,464	− 9,1	+ 1,04	−10,2	+2	+2	1833	4 38,6940	15 16,578
Febr. 9	−0,547	− 7,3	+ 0,01	−10,2	+2	+2	1834	4 41,7738	15 36,605
							1835	4 44,8538	15 56,631
19	−0,609	− 6,0	− 1,00	− 9,7	+2	+2	1836	4 47,9338	16 16,658
Mart. 1	−0,646	− 2,1	− 1,93	− 8,7	+1	+2	1837	4 51,0139	16 36,684
11	−0,651	+ 1,3	− 2,73	− 7,1	0	+2	1838	4 54,0941	16 56,710
21	−0,621	+ 5,0	− 3,34	− 5,0	0	+1	1839	4 57,1744	17 16,736
31	−0,551	+ 9,1	− 3,73	− 2,0	−1	+1	1840	5 0,2549	17 36,762
							1841	5 3,3354	17 56,788
Apr. 10	−0,440	+13,2	− 3,84	+ 0,4	−1	+1	1842	5 6,4160	18 16,813
20	−0,287	+17,4	− 3,65	+ 3,5	−2	0	1843	5 9,4967	18 36,839
30	−0,093	+21,3	− 3,14	+ 6,7	−2	0	1844	5 12,5775	18 56,864
Maj. 10	+0,138	+24,8	− 2,32	+ 9,8	−2	−1	1845	5 15,6584	19 16,889
20	+0,402	+27,7	− 1,19	+12,8	−2	−1	1846	5 18,7394	19 36,914
							1847	5 21,8205	19 56,939
30	+0,692	+30,0	+ 0,23	+15,4	−2	−1	1848	5 24,9017	20 16,964
Jun. 9	+1,002	+31,5	+ 1,89	+17,7	−3	−2	1849	5 27,9830	20 36,989
19	+1,322	+32,2	+ 3,76	+19,5	−2	−2	1850	5 31,0643	20 57,013
29	+1,645	+32,0	+ 5,78	+20,7	−2	−2			
Jul. 9	+1,962	+31,0	+ 7,90	+21,5	−2	−2			
19	+2,264	+29,2	+10,08	+21,7	−2	−2			
29	+2,545	+26,8	+12,24	+21,3	−2	−2			
Aug. 8	+2,799	+23,7	+14,34	+20,5	−1	−2			
18	+3,019	+20,2	+16,34	+19,3	−1	−2			
28	+3,203	+16,5	+18,20	+17,7	0	−2			
Sept. 7	+3,348	+12,6	+19,88	+15,8	0	−2			
17	+3,455	+ 8,9	+21,36	+13,2	+1	−1			
27	+3,525	+ 5,2	+22,62	+11,1	+1	−1			
Oct. 7	+3,559	+ 1,8	+23,67	+ 9,3	+2	−1			
17	+3,561	− 1,3	+24,48	+ 7,1	+2	0			
27	+3,534	− 3,9	+25,08	+ 4,9	+3	0			
Nov. 6	+3,483	− 6,1	+25,45	+ 2,6	+3	0			
16	+3,413	− 7,9	+25,60	+ 0,6	+4	+1			
26	+3,326	− 9,3	+25,56	− 1,5	+4	+1			
Dec. 6	+3,227	−10,4	+25,31	− 3,4	+4	+1			
16	+3,118	−11,1	+24,89	− 5,1	+4	+1			
26	+3,006	−11,3	+24,29	− 6,8	+4	+2			
36	+2,892	−11,4	+23,54	− 8,2	+4	+2			

Diei reducto addendum est:

ante / post } Mart. 21 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Arietis.*

1830	Jan. 0	1h 57′ 36″,484	+22° 39′ 10″,56	1840	Jan. 1	1h 58′ 10″,168	+22° 42′ 14″,93
	Apr. 10	36,376	10,09		Apr. 10	10,269	15,26
	Jul. 19	36,269	9,67		Jul. 19	10,367	15,54
	Oct. 27	36,164	9,30		Oct. 27	10,462	15,77
	Dec. 66	36,061	8,99		Dec. 66	10,554	15,94
1831	Jan. 0	1 57 39,453	+22 39 26,41	1841	Jan. 0	1 58 13,884	+22 42 33,19
	Apr. 10	39,350	26,13		Apr. 10	13,973	33,31
	Jul. 19	39,253	25,92		Jul. 19	14,057	33,38
	Oct. 27	39,160	25,77		Oct. 27	14,135	33,39
	Dec. 66	39,073	25,69		Dec. 66	14,207	33,33
1832	Jan. 1	1 57 42,460	+22 39 43,03	1842	Jan. 0	1 58 17,544	+22 42 50,66
	Apr. 10	42,376	42,99		Apr. 10	17,611	50,56
	Jul. 19	42,299	43,01		Jul. 19	17,671	50,41
	Oct. 27	42,230	43,09		Oct. 27	17,723	50,20
	Dec. 66	42,168	43,23		Dec. 66	17,768	49,94
1833	Jan. 0	1 57 45,546	+22 40 0,50	1843	Jan. 0	1 58 21,114	+22 43 7,33
	Apr. 10	45,490	0,69		Apr. 10	21,152	7,03
	Jul. 19	45,442	0,93		Jul. 19	21,181	6,67
	Oct. 27	45,404	1,23		Oct. 27	21,201	6,26
	Dec. 66	45,374	1,59		Dec. 66	21,211	5,79
1834	Jan. 0	1 57 48,741	+22 40 18,78	1844	Jan. 1	1 58 24,568	+22 43 23,24
	Apr. 10	48,718	19,17		Apr. 10	24,572	22,75
	Jul. 19	48,704	19,61		Jul. 19	24,566	22,22
	Oct. 27	48,700	20,09		Oct. 27	24,550	21,65
	Dec. 66	48,706	20,62		Dec. 66	24,525	21,05
1835	Jan. 0	1 57 52,061	+22 40 37,76	1845	Jan. 0	1 58 27,895	+22 43 38,55
	Apr. 10	52,074	38,31		Apr. 10	27,862	37,92
	Jul. 19	52,095	38,88		Jul. 19	27,821	37,28
	Oct. 27	52,125	39,49		Oct. 27	27,771	36,62
	Dec. 66	52,164	40,12		Dec. 66	27,712	35,94
1836	Jan. 1	1 57 55,509	+22 40 57,22	1846	Jan. 0	1 58 31,093	+22 43 53,46
	Apr. 10	55,554	57,86		Apr. 10	31,028	52,77
	Jul. 19	55,607	58,51		Jul. 19	30,956	52,09
	Oct. 27	55,667	59,17		Oct. 27	30,877	51,42
	Dec. 66	55,735	59,83		Dec. 66	30,790	50,76
1837	Jan. 0	1 57 59,071	+22 41 16,92	1847	Jan. 0	1 58 34,181	+22 44 8,25
	Apr. 10	59,144	17,59		Apr. 10	34,091	7,58
	Jul. 19	59,222	18,24		Jul. 19	33,996	6,94
	Oct. 27	59,305	18,88		Oct. 27	33,897	6,34
	Dec. 66	59,394	19,50		Dec. 66	33,794	5,78
1838	Jan. 0	1 58 2,723	+22 41 36,60	1848	Jan. 1	1 58 37,190	+22 44 23,26
	Apr. 10	2,816	37,22		Apr. 10	37,085	22,66
	Jul. 19	2,911	37,80		Jul. 19	36,979	22,12
	Oct. 27	3,009	38,35		Oct. 27	36,872	21,64
	Dec. 66	3,109	38,87		Dec. 66	36,763	21,21
1839	Jan. 0	1 58 6,435	+22 41 56,01	1849	Jan. 0	1 58 40,161	+22 44 38,63
	Apr. 10	6,537	56,51		Apr. 10	40,054	38,23
	Jul. 19	6,639	56,97		Jul. 19	39,950	37,89
	Oct. 27	6,741	57,38		Oct. 27	39,848	37,61
	Dec. 66	6,842	57,74		Dec. 66	39,749	37,38

Tabulae X. Sect. V. *a Arietis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+0,559	−10,5	+ 5,93	− 2,2	+4	+1	1830	1 57 36,4043	+22 39 15,697
10	+0,444	−12,4	+ 5,62	− 3,9	+4	+1	1831	57 39,7620	39 33,021
20	+0,311	−13,9	+ 5,15	− 5,5	+4	+1	1832	57 43,1199	39 50,344
30	+0,167	−14,7	+ 4,52	− 7,0	+4	+2	1833	57 46,4780	40 7,663
Febr. 9	+0,018	−14,7	+ 3,76	− 8,1	+3	+2	1834	57 49,8363	40 24,981
							1835	57 53,1945	40 42,295
19	−0,127	−13,9	+ 2,90	− 8,9	+3	+2	1836	57 56,5532	40 59,608
Mart. 1	−0,259	−12,2	+ 1,98	− 9,3	+3	+2	1837	57 59,9121	41 16,918
11	−0,371	− 9,7	+ 1,05	− 9,2	+2	+2	1838	58 3,2712	41 34,226
21	−0,452	− 6,3	+ 0,15	− 8,6	+2	+2	1839	58 6,6305	41 51,531
31	−0,497	− 2,3	− 0,66	− 7,4	+1	+2	1840	58 9,9898	42 8,834
							1841	58 13,3495	42 26,134
Apr. 10	−0,498	+ 2,2	− 1,33	− 5,8	0	+2	1842	58 16,7094	42 43,433
20	−0,453	+ 7,0	− 1,81	− 3,7	0	+1	1843	58 20,0695	43 0,728
30	−0,358	+12,0	− 2,07	− 1,3	−1	+1	1844	58 23,4298	43 18,022
Maj. 10	−0,214	+16,7	− 2,07	+ 1,4	−1	0	1845	58 26,7901	43 35,312
20	−0,025	+21,1	− 1,80	+ 4,1	−1	0	1846	58 30,1508	43 52,601
							1847	58 33,5117	44 9,887
30	+0,208	+25,1	− 1,25	+ 6,9	−2	−1	1848	58 36,8728	44 27,171
Jun. 9	+0,476	+28,3	− 0,42	+ 9,6	−2	−1	1849	58 40,2341	44 44,452
19	+0,773	+30,8	+ 0,66	+12,0	−2	−2	1850	58 43,5955	45 1,731
29	+1,091	+32,4	+ 1,97	+14,1	−2	−2			
Jul. 9	+1,421	+33,2	+ 3,47	+15,8	−2	−2			
19	+1,755	+33,2	+ 5,13	+17,1	−2	−3			
29	+2,085	+32,5	+ 6,88	+17,9	−2	−3			
Aug. 8	+2,404	+31,1	+ 8,70	+18,3	−2	−4			
18	+2,706	+29,0	+10,53	+18,2	−2	−4			
28	+2,984	+26,5	+12,33	+17,6	−1	−4			
Sept. 7	+3,236	+23,8	+14,05	+16,8	−1	−4			
17	+3,459	+20,7	+15,69	+15,7	0	−4			
27	+3,650	+17,5	+17,19	+14,3	0	−4			
Oct. 7	+3,809	+14,3	+18,55	+12,8	+1	−4			
17	+3,936	+11,2	+19,75	+11,2	+2	−4			
27	+4,032	+ 8,0	+20,78	+ 9,5	+2	−4			
Nov. 6	+4,096	+ 5,0	+21,64	+ 7,8	+3	−4			
16	+4,131	+ 2,0	+22,33	+ 6,0	+4	−3			
26	+4,135	− 1,0	+22,84	+ 4,3	+4	−3			
Dec. 6	+4,111	− 3,9	+23,18	+ 2,5	+5	−3			
16	+4,058	− 6,6	+23,34	+ 0,7	+5	−2			
26	+3,980	− 9,0	+23,32	− 1,1	+5	−2			
36	+3,878	−11,3	+23,13	− 2,8	+6	−2			

Diei reducto addendum est:

ante / post } Apr. 21 { +1 / +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Ceti.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	2 53 23,927	+ 3 24 55,64	1840	Jan. 1	2 53 55,603	+ 3 27 34,25
	Apr. 10	23,829	55,29		Apr. 10	55,691	34,44
	Jul. 19	23,734	55,00		Jul. 19	55,776	34,56
	Oct. 27	23,641	54,77		Oct. 27	55,856	34,63
	Dec. 66	23,551	54,61		Dec. 66	55,932	34,63
1831	Jan. 0	2 53 26,705	+ 3 25 9,12	1841	Jan. 0	2 53 59,032	+ 3 27 49,06
	Apr. 10	26,618	9,01		Apr. 10	59,105	49,02
	Jul. 19	26,536	8,96		Jul. 19	59,171	48,91
	Oct. 27	26,460	8,99		Oct. 27	59,231	48,75
	Dec. 66	26,390	9,08		Dec. 66	59,285	48,52
1832	Jan. 1	2 53 29,536	+ 3 25 23,49	1842	Jan. 0	2 54 2,393	+ 3 28 3,01
	Apr. 10	29,470	23,63		Apr. 10	2,442	2,73
	Jul. 19	29,412	23,84		Jul. 19	2,483	2,40
	Oct. 27	29,362	24,11		Oct. 27	2,516	2,01
	Dec. 66	29,319	24,44		Dec. 66	2,542	1,57
1833	Jan. 0	2 53 32,456	+ 3 25 38,77	1843	Jan. 0	2 54 5,659	+ 3 28 16,14
	Apr. 10	32,419	39,14		Apr. 10	5,679	15,66
	Jul. 19	32,390	39,56		Jul. 19	5,690	15,14
	Oct. 27	32,370	40,04		Oct. 27	5,692	14,57
	Dec. 66	32,359	40,57		Dec. 66	5,685	13,95
1834	Jan. 0	2 53 35,486	+ 3 25 54,84	1844	Jan. 1	2 54 8,813	+ 3 28 28,58
	Apr. 10	35,481	55,40		Apr. 10	8,800	27,94
	Jul. 19	35,484	55,99		Jul. 19	8,779	27,28
	Oct. 27	35,497	56,62		Oct. 27	8,749	26,59
	Dec. 66	35,518	57,28		Dec. 66	8,710	25,88
1835	Jan. 0	2 53 38,634	+ 3 26 11,50	1845	Jan. 0	2 54 11,849	+ 3 28 40,53
	Apr. 10	38,661	12,17		Apr. 10	11,804	39,81
	Jul. 19	38,696	12,86		Jul. 19	11,752	39,08
	Oct. 27	38,739	13,57		Oct. 27	11,792	38,35
	Dec. 66	38,789	14,29		Dec. 66	11,625	37,62
1836	Jan. 1	2 53 41,895	+ 3 26 28,49	1846	Jan. 0	2 54 14,774	+ 3 28 52,27
	Apr. 10	41,951	29,21		Apr. 10	14,702	51,54
	Jul. 19	42,012	29,92		Jul. 19	14,625	50,84
	Oct. 27	42,080	30,62		Oct. 27	14,542	50,15
	Dec. 66	42,153	31,31		Dec. 66	14,454	49,49
1837	Jan. 0	2 53 45,252	+ 3 26 45,52	1847	Jan. 0	2 54 17,609	+ 3 29 4,12
	Apr. 10	45,329	46,20		Apr. 10	17,518	3,47
	Jul. 19	45,410	46,85		Jul. 19	17,425	2,87
	Oct. 27	45,495	47,47		Oct. 27	17,330	2,31
	Dec. 66	45,583	48,07		Dec. 66	17,232	1,80
1838	Jan. 0	2 53 48,678	+ 3 27 2,31	1848	Jan. 1	2 54 20,390	+ 3 29 16,37
	Apr. 10	48,768	2,88		Apr. 10	20,291	15,89
	Jul. 19	48,860	3,41		Jul. 19	20,193	15,46
	Oct. 27	48,953	3,89		Oct. 27	20,096	15,10
	Dec. 66	49,047	4,33		Dec. 66	19,999	14,79
1839	Jan. 0	2 53 52,140	+ 3 27 18,62	1849	Jan. 0	2 54 23,157	+ 3 29 29,29
	Apr. 10	52,234	19,02		Apr. 10	23,062	29,03
	Jul. 19	52,327	19,37		Jul. 19	22,971	28,83
	Oct. 27	52,418	19,66		Oct. 27	22,883	28,71
	Dec. 66	52,508	19,89		Dec. 66	22,799	28,65

Tabulae X. Sect. V. *a Ceti.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	+0,795	− 7,1	− 0,58	− 7,3	+3	+1	1830	2 53 24,0302	+ 3 25 2,419
10	+0,710	− 9,7	− 1,29	− 6,8	+3	+1	1831	53 27,1539	25 16,877
20	+0,601	−12,0	− 1,94	− 6,1	+3	+1	1832	53 30,2777	25 31,331
30	+0,471	−13,7	− 2,51	− 5,3	+3	+1	1833	53 33,4016	25 45,782
Febr. 9	+0,328	−14,7	− 3,00	− 4,4	+3	+1	1834	53 36,5256	26 0,230
							1835	53 39,6498	26 14,675
19	+0,178	−14,9	− 3,38	− 3,2	+3	+1	1836	53 42,7740	26 29,117
Mart. 1	+0,031	−14,2	− 3,64	− 2,0	+3	+1	1837	53 45,8983	26 43,555
11	−0,106	−12,7	− 3,77	− 0,6	+2	+1	1838	53 49,0227	26 57,991
21	−0,223	−10,3	− 3,75	+ 1,1	+2	+1	1839	53 52,1472	27 12,423
31	−0,312	− 7,2	− 3,56	+ 2,9	+2	0	1840	53 55,2719	27 26,852
							1841	53 58,3966	27 41,278
pr. 10	−0,366	− 3,4	− 3,18	+ 4,9	+1	0	1842	54 1,5214	27 55,700
20	−0,380	+ 0,9	− 2,59	+ 6,9	+1	0	1843	54 4,6463	28 10,120
30	−0,349	+ 5,4	− 1,81	+ 8,9	0	−1	1844	54 7,7713	28 24,536
Maj. 10	−0,272	+10,0	− 0,81	+11,0	0	−1	1845	54 10,8964	28 38,950
20	−0,150	+14,4	+ 0,38	+12,9	−1	−1	1846	54 14,0216	28 53,360
							1847	54 17,1469	29 7,766
30	+0,016	+18,5	+ 1,76	+14,6	−1	−2	1848	54 20,2723	29 22,170
Jun. 9	+0,220	+22,2	+ 3,30	+16,0	−1	−2	1849	54 23,3978	29 36,571
19	+0,460	+25,3	+ 4,95	+17,0	−2	−2	1850	54 26,5233	29 50,968
29	+0,726	+27,7	+ 6,69	+17,6	−2	−3			
Jul. 9	+1,013	+29,4	+ 8,47	+17,7	−2	−3			
19	+1,313	+30,3	+10,22	+17,3	−2	−3			
29	+1,618	+30,5	+11,92	+16,4	−2	−3			
Aug. 8	+1,923	+30,0	+13,49	+14,9	−2	−3			
18	+2,219	+29,2	+14,90	+13,1	−2	−3			
28	+2,502	+27,5	+16,11	+11,0	−2	−3			
Sept. 7	+2,768	+25,6	+17,10	+ 8,5	−2	−3			
17	+3,013	+23,3	+17,81	+ 5,9	−1	−3			
27	+3,234	+20,8	+18,28	+ 3,4	−1	−3			
Oct. 7	+3,429	+18,2	+18,49	+ 1,0	−1	−3			
17	+3,597	+15,4	+18,47	− 1,3	0	−3			
27	+3,737	+12,6	+18,23	− 3,4	0	−3			
Nov. 6	+3,849	+ 9,7	+17,80	− 5,0	+1	−3			
16	+3,931	+ 6,8	+17,24	− 6,2	+2	−3			
26	+3,984	+ 3,8	+16,57	− 7,1	+2	−3			
Dec. 6	+4,006	+ 0,7	+15,83	− 7,5	+3	−2			
16	+3,998	− 2,4	+15,07	− 7,7	+3	−2			
26	+3,959	− 5,4	+14,30	− 7,5	+3	−2			
36	+3,891	− 8,1	+13,57	− 7,1	+4	−2			

Diei reducto addendum est:

ante / post } Maj. 6 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Tauri.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$			^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1830	Jan. 0	4 26 10,343	+16 9 26,92	1840	Jan. 1	4 26 45,050	+16 11 1,94
	Apr. 10	10,235	26,80		Apr. 10	45,148	1,87
	Jul. 19	10,129	26,76		Jul. 19	45,242	1,74
	Oct. 27	10,027	26,80		Oct. 27	45,332	1,53
	Dec. 66	9,927	26,91		Dec. 66	45,417	1,26
1831	Jan. 0	4 26 13,390	+16 9 34,67	1841	Jan. 0	4 26 48,821	+16 11 9,13
	Apr. 10	13,293	34,83		Apr. 10	48,903	8,81
	Jul. 19	13,202	35,07		Jul. 19	48,979	8,43
	Oct. 27	13,116	35,37		Oct. 27	49,048	7,99
	Dec. 66	13,036	35,75		Dec. 66	49,110	7,48
1832	Jan. 1	4 26 16,493	+16 9 43,42	1842	Jan. 0	4 26 52,521	+16 11 15,41
	Apr. 10	16,418	43,84		Apr. 10	52,579	14,87
	Jul. 19	16,351	44,32		Jul. 19	52,627	14,29
	Oct. 27	16,292	44,86		Oct. 27	52,667	13,65
	Dec. 66	16,242	45,45		Dec. 66	52,698	12,97
1833	Jan. 0	4 26 19,688	+16 9 53,05	1843	Jan. 0	4 26 56,120	+16 11 20,96
	Apr. 10	19,644	53,68		Apr. 10	56.145	20,25
	Jul. 19	19,609	54,34		Jul. 19	56,161	19,52
	Oct. 27	19,583	55,04		Oct. 27	56,167	18,76
	Dec. 66	19,567	55,78		Dec. 66	56,163	17,98
1834	Jan. 0	4 26 23,002	+16 10 3,32	1844	Jan. 1	4 26 59,597	+16 11 25,99
	Apr. 10	22,993	4,08		Apr. 10	59,587	25,20
	Jul. 19	22.993	4,85		Jul. 19	59,567	24,40
	Oct. 27	23,003	5,63		Oct. 27	59,537	23,60
	Dec. 66	23,023	6,43		Dec. 66	59,498	22,80
1835	Jan. 0	4 26 26,446	+16 10 13,95	1845	Jan. 0	4 27 2,944	+16 11 30,81
	Apr. 10	26,472	14,75		Apr. 10	2,898	30,02
	Jul. 19	26,506	15,54		Jul. 19	2,844	29,25
	Oct. 27	26,550	16,31		Oct. 27	2,782	28,50
	Dec. 66	26,602	17,08		Dec. 66	2,711	27,77
1836	Jan. 1	4 26 30,014	+16 10 24,61	1846	Jan. 0	4 27 6,167	+16 11 35,75
	Apr. 10	30,072	25,36		Apr. 10	6,091	35,04
	Jul. 19	30,137	26,08		Jul. 19	6,009	34,40
	Oct. 27	30,208	26,76		Oct. 27	5,921	33,79
	Dec. 66	30,286	27,41		Dec. 66	5,826	33,23
1837	Jan. 0	4 26 33,690	+16 10 34,98	1847	Jan. 0	4 27 9,290	+16 11 41,15
	Apr. 10	33,773	35,60		Apr. 10	9,192	40,63
	Jul. 19	33,860	36,17		Jul. 19	9,091	40,17
	Oct. 27	33,951	36,69		Oct. 27	8,987	39,78
	Dec. 66	34,047	37,16		Dec. 66	8,880	39,45
1838	Jan. 0	4 26 37,445	+16 10 44,79	1848	Jan. 1	4 27 12,348	+16 11 47,28
	Apr. 10	37,543	45,22		Apr. 10	12,240	47,00
	Jul. 19	37,643	45,58		Jul. 19	12,133	46,80
	Oct. 27	37,745	45,88		Oct. 27	12,026	46,67
	Dec. 66	37,848	46,12		Dec. 66	11,919	46,61
1839	Jan. 0	4 26 41,245	+16 10 53,82	1849	Jan. 0	4 27 15,387	+16 11 54,34
	Apr. 10	41,349	54,01		Apr. 10	15,282	54,34
	Jul. 19	41,451	54,13		Jul. 19	15,180	54,41
	Oct. 27	41,552	54,18		Oct. 27	15,082	54,56
	Dec. 66	41,652	54,16		Dec. 66	14,987	54,78

Tabulae X. Sect. V. *α Tauri.*

	1840		1840		Var. 10 annor.	
	″	″	″	″		
Jan. 0	+1,217	— 0,3	+ 1,27	— 2,4	+2	—1
10	+1,194	— 4,4	+ 1,02	— 2,5	+2	—1
20	+1,130	— 8,2	+ 0,78	— 2,4	+3	—1
30	+1,030	—11,6	+ 0,54	— 2,5	+3	0
Febr. 9	+0,898	—14,4	+ 0,28	— 2,6	+3	0
19	+0,742	—16,3	+ 0,02	— 2,6	+3	0
Mart. 1	+0,572	—17,2	— 0,24	— 2,7	+4	0
11	+0,398	—17,0	— 0,51	— 2,7	+3	0
21	+0,231	—15,8	— 0,77	— 2,5	+3	0
31	+0,080	—13,8	— 1,00	— 2,1	+3	0
Apr. 10	—0,044	—10,7	— 1,18	— 1,4	+3	0
20	—0,133	— 6,9	— 1,28	— 0,6	+2	0
30	—0,181	— 2,6	— 1,29	+ 0,5	+2	0
Maj. 10	—0,184	+ 2,1	— 1,19	+ 1,8	+1	0
20	—0,140	+ 6,8	— 0,94	+ 3,2	+1	0
30	—0,048	+11,4	— 0,56	+ 4,6	0	0
Jun. 9	+0,088	+15,7	— 0,02	+ 6,1	0	—1
19	+0,266	+19,7	+ 0,65	+ 7,4	—1	—1
29	+0 481	+23,0	+ 1,45	+ 8,5	—1	—1
Jul. 9	+0,726	+25,8	+ 2,35	+ 9,4	—2	—2
19	+0,996	+28,0	+ 3,32	+10,0	—2	—2
29	+1,285	+29,5	+ 4,34	+10,2	—2	—3
Aug. 8	+1,585	+30,4	+ 5,36	+10,0	—2	—3
18	+1,892	+30,8	+ 6,34	+ 9,5	—2	—3
28	+2,200	+30,6	+ 7,26	+ 8,7	—2	—4
Sept. 7	+2,503	+30,0	+ 8,07	+ 7,6	—2	—4
17	+2,800	+29,1	+ 8,77	+ 6,3	—2	—4
27	+3,085	+27,8	+ 9,32	+ 4,8	—2	—5
Oct. 7	+3,356	+26,3	+ 9,72	+ 3,3	—2	—5
17	+3,610	+24,5	+ 9,98	+ 1,9	—1	—5
27	+3,845	+22,5	+10,10	+ 0,6	—1	—5
Nov. 6	+4,056	+19,9	+10,10	— 0,4	0	—5
16	+4,240	+17,0	+10,02	— 1,1	0	—5
26	+4,395	+13,8	+ 9,86	— 1,8	+1	—6
Dec. 6	+4,516	+10,2	+ 9,66	— 2,2	+2	—6
16	+4,599	+ 6,4	+ 9,42	— 2,4	+2	—6
26	+4,643	+ 2,3	+ 9,18	— 2,4	+3	—5
36	+4,645	— 1,8	+ 8,94	— 2,4	+3	—5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	4 26 10,4154	+16 9 35,498
1831	26 13,8458	9 43,307
1832	26 17,2763	9 51,110
1833	26 20,7069	9 58,910
1834	26 24,1376	10 6,705
1835	26 27,5685	10 14,495
1836	26 30,9994	10 22,280
1837	26 34,4305	10 30,061
1838	26 37,8617	10 37,838
1839	26 41,2930	10 45,610
1840	26 44,7243	10 53,377
1841	26 48,1558	11 1,140
1842	26 51,5874	11 8,898
1843	26 55,0191	11 16,652
1844	26 58,4509	11 24,401
1845	27 1,8828	11 32,145
1846	27 5,3148	11 39,885
1847	27 8,7469	11 47,620
1848	27 12,1792	11 55,351
1849	27 15,6116	12 3,077
1850	27 19,0441	12 10,799

Diei reducto addendum est:

ante / post } Maj. 29 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Aurigae.*

		^{h} ^{m} ^{s}	° ′ ″
1830	Jan. 0	5 4 8,561	+45 48 44,68
	Apr. 10	8,422	44,67
	Jul. 19	8,285	44,73
	Oct. 27	8,151	44,88
	Dec. 66	8,020	45,10
1831	Jan. 0	5 4 12,478	+45 48 49,43
	Apr. 10	12,351	49,70
	Jul. 19	12,230	50,04
	Oct. 27	12,117	50,45
	Dec. 66	12,010	50,93
1832	Jan. 1	5 4 16,459	+45 48 55,17
	Apr. 10	16,358	55,69
	Jul. 19	16,268	56,26
	Oct. 27	16,188	56,88
	Dec. 66	16,118	57,56
1833	Jan. 0	5 4 20,555	+45 49 1,73
	Apr. 10	20,493	2,43
	Jul. 19	20,443	3,16
	Oct. 27	20,405	3,92
	Dec. 66	20,379	4,72
1834	Jan. 0	5 4 24,802	+45 49 8,85
	Apr. 10	24,784	9,65
	Jul. 19	24,779	10,46
	Oct. 27	24,787	11,27
	Dec. 66	24,806	12,09
1835	Jan. 0	5 4 29,214	+45 49 16,20
	Apr. 10	29,242	17,01
	Jul. 19	29,281	17,80
	Oct. 27	29,332	18,57
	Dec. 66	29,395	19,32
1836	Jan. 1	5 4 33,788	+45 49 23,46
	Apr. 10	33,859	24,19
	Jul. 19	33,937	24,87
	Oct. 27	34,025	25,52
	Dec. 66	34,122	26,12
1837	Jan. 0	5 4 38,505	+45 49 30,30
	Apr. 10	38,609	30,87
	Jul. 19	38,717	31,38
	Oct. 27	38,832	31,83
	Dec. 66	38,953	32,22
1838	Jan. 0	5 4 43,328	+45 49 36,47
	Apr. 10	43,453	36,81
	Jul. 19	43,580	37,08
	Oct. 27	43,710	37,30
	Dec. 66	43,843	37,45
1839	Jan. 0	5 4 48,215	+45 49 41,77
	Apr. 10	48,348	41,87
	Jul. 19	48,481	41,89
	Oct. 27	48,613	41,84
	Dec. 66	48,744	41,71
1840	Jan. 1	5 4 53,117	+45 49 46,12
	Apr. 10	53,246	45,95
	Jul. 19	53,369	45,71
	Oct. 27	53,488	45,40
	Dec. 66	53,601	45,03
1841	Jan. 0	5 4 57,980	+45 49 49,51
	Apr. 10	58,089	48,09
	Jul. 19	58,190	48,61
	Oct. 27	58,283	48,08
	Dec. 66	58,368	47,49
1842	Jan. 0	5 5 2,757	+45 49 52,04
	Apr. 10	2,835	51,41
	Jul. 19	2,902	50,74
	Oct. 27	2,958	50,04
	Dec. 66	3,004	49,30
1843	Jan. 0	5 5 7,408	+45 49 53,89
	Apr. 10	7,446	53,12
	Jul. 19	7,471	52,33
	Oct. 27	7,484	51,53
	Dec. 66	7,484	50,71
1844	Jan. 1	5 5 11,903	+45 49 55,32
	Apr. 10	11,895	54,50
	Jul. 19	11,874	53,68
	Oct. 27	11,841	52,88
	Dec. 66	11,795	52,08
1845	Jan. 0	5 5 16,229	+45 49 56,67
	Apr. 10	16,175	55,88
	Jul. 19	16,110	55,13
	Oct. 27	16,034	54,41
	Dec. 66	15,947	53,73
1846	Jan. 0	5 5 20,395	+45 49 58,27
	Apr. 10	20,301	57,62
	Jul. 19	20,198	57,02
	Oct. 27	20,087	56,47
	Dec. 66	19,968	55,98
1847	Jan. 0	5 5 24,427	+45 50 0,46
	Apr. 10	24,303	0,01
	Jul. 19	24,174	49 59,63
	Oct. 27	24,041	59,33
	Dec. 66	23,904	59,10
1848	Jan. 1	5 5 28,369	+45 50 3,47
	Apr. 10	28,231	3,29
	Jul. 19	28,091	3,19
	Oct. 27	27,949	3,16
	Dec. 66	27,805	3,21
1849	Jan. 0	5 5 32,269	+45 50 7,49
	Apr. 10	32,138	7,60
	Jul. 19	32,009	7,78
	Oct. 27	31,882	8,03
	Dec. 66	31,757	8,36

Tabulae X. Sect. V. *α Aurigae.*

	1840		1840		Var. 10 annor.	
	″	″	″	″	″	″
Jan. 0	+1,827	+ 3,0	+4,11	+14,0	+3	− 4
10	+1,826	− 3,2	+5,47	+12,9	+4	− 4
20	+1,764	− 9,1	+6,69	+11,3	+5	− 4
30	+1,645	−14,5	+7,72	+ 9,2	+5	− 3
Febr. 9	+1,475	−19,0	+8,52	+ 6,7	+6	− 3
19	+1,265	−22,4	+9,05	+ 3,8	+6	− 2
Mart. 1	+1,028	−24,4	+9,28	+ 0,8	+6	− 1
11	+0,777	−25,1	+9,21	− 2,3	+6	0
21	+0,526	−24,3	+8,83	− 5,2	+6	0
31	+0,292	−22,0	+8,18	− 7,8	+6	+ 1
Apr. 10	+0,086	−18,5	+7,27	−10,1	+5	+ 1
20	−0,078	−13,9	+6,17	−11,8	+4	+ 2
30	−0,192	− 8,5	+4,91	−13,0	+4	+ 2
Maj. 10	−0,248	− 2,6	+3,57	−13,6	+3	+ 2
20	−0,243	+ 3,6	+2,19	−13,7	+2	+ 2
30	−0,176	+ 9,8	+0,83	−13,3	+1	+ 2
Jun. 9	−0,047	+15,8	−0,46	−12,3	0	+ 2
19	+0,139	+21,2	−1,63	−11,0	−1	+ 2
29	+0,377	+26,2	−2,65	− 9,4	−2	+ 1
Jul. 9	+0,662	+30,5	−3,51	− 7,6	−2	0
19	+0,986	+34,0	−4,16	− 5,6	−3	0
29	+1,341	+36,8	−4,62	− 3,6	−3	− 1
Aug. 8	+1,721	+38,8	−4,88	− 1,6	−4	− 2
18	+2,117	+40,1	−4,94	+ 0,4	−4	− 3
28	+2,523	+40,9	−4,81	+ 2,2	−4	− 4
Sept. 7	+2,934	+41,1	−4,50	+ 4,0	−4	− 5
17	+3,344	+40,7	−4,02	+ 5,6	−4	− 5
27	+3,747	+39,8	−3,39	+ 7,1	−4	− 6
Oct. 7	+4,139	+38,4	−2,61	+ 8,6	−3	− 7
17	+4,515	+36,6	−1,68	+ 9,9	−3	− 8
27	+4,870	+34,2	−0,63	+11,1	−2	− 9
Nov. 6	+5,198	+31,2	+0,54	+12,3	−1	− 9
16	+5,493	+27,6	+1,82	+13,3	0	−10
26	+5,749	+23,3	+3,20	+14,1	+1	−10
Dec. 6	+5,958	+18,3	+4,63	+14,5	+2	−11
16	+6,114	+12,8	+6,10	+14,7	+3	−11
26	+6,213	+ 6,9	+7,57	+14,5	+4	−11
36	+6,251	+ 0,7	+8,99	+13,7	+5	−10

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	5 4 8,5950	+45 48 53,606
1831	4 13,0100	48 58,020
1832	4 17,4251	49 2,429
1833	4 21,8404	49 6,831
1834	4 26,2559	49 11,226
1835	4 30,6716	49 15,616
1836	4 35,0875	49 19,999
1837	4 39,5036	49 24,376
1838	4 43,9198	49 28,747
1839	4 48,3362	49 33,112
1840	4 52,7528	49 37,470
1841	4 57,1696	49 41,822
1842	5 1,5866	49 46,168
1843	5 6,0038	49 50,508
1844	5 10,4211	49 54,841
1845	5 14,8386	49 59,169
1846	5 19,2563	50 3,490
1847	5 23,6742	50 7,805
1848	5 28,0923	50 12,113
1849	5 32,5106	50 16,416
1850	5 36,9290	50 20,712

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Orionis.*

1830	Jan. 0	5 6′ 22″,084	— 8 24′ 26″,75	1840	Jan. 1	5 6′ 51″,360	— 8 23′ 23″,16
	Apr. 10	21,995	26,75		Apr. 10	51,440	23,34
	Jul. 19	21,908	26,68		Jul. 19	51,516	23,59
	Oct. 27	21,824	26,53		Oct. 27	51,588	23,90
	Dec. 66	21,743	26,31		Dec. 66	51,656	24,28
1831	Jan. 0	5 6 24,649	— 8 24 21,77	1841	Jan. 0	5 6 54,513	— 8 23 19,57
	Apr. 10	24,571	21,49		Apr. 10	54,578	19,99
	Jul. 19	24,498	21,15		Jul. 19	54,636	20,47
	Oct. 27	24,430	20,73		Oct. 27	54,688	21,01
	Dec. 66	24,368	20,25		Dec. 66	54,734	21,61
1832	Jan. 1	5 6 27,267	— 8 24 15,81	1842	Jan. 0	5 6 57,599	— 8 23 16,83
	Apr. 10	27,209	15,28		Apr. 10	57,641	17,47
	Jul. 19	27,159	14,70		Jul. 19	57,675	18,13
	Oct. 27	27,116	14,08		Oct. 27	57,702	18,84
	Dec. 66	27,080	13,40		Dec. 66	57,721	19,59
1833	Jan. 0	5 6 29,970	— 8 24 9,02	1843	Jan. 0	5 7 0,595	— 8 23 14,76
	Apr. 10	29,939	8,31		Apr. 10	0,609	15,53
	Jul. 19	29,917	7,58		Jul. 19	0,615	16,32
	Oct. 27	29,903	6,81		Oct. 27	0,612	17,12
	Dec. 66	29,897	6,02		Dec. 66	0,602	17,94
1834	Jan. 0	5 6 32,777	— 8 24 1,68	1844	Jan. 1	5 7 3,486	— 8 23 13,10
	Apr. 10	32,778	0,88		Apr. 10	3,471	13,92
	Jul. 19	32,784	0,07		Jul. 19	3,447	14,74
	Oct. 27	32,800	23 59,26		Oct. 27	3,415	15,54
	Dec. 66	32,823	58,44		Dec. 66	3,375	16,34
1835	Jan. 0	5 6 35,693	— 8 23 54,11	1845	Jan. 0	5 7 6,268	— 8 23 11,52
	Apr. 10	35,721	53,30		Apr. 10	6,223	12,31
	Jul. 19	35,757	52,51		Jul. 19	6,172	13,06
	Oct. 27	35,800	51,74		Oct. 27	6,114	13,78
	Dec. 66	35,850	51,00		Dec. 66	6,049	14,45
1836	Jan. 1	5 6 38,711	— 8 23 46,64	1846	Jan. 0	5 7 8,951	— 8 23 9,67
	Apr. 10	38,765	45,91		Apr. 10	8,881	10,32
	Jul. 19	38,825	45,23		Jul. 19	8,808	10,92
	Oct. 27	38,890	44,59		Oct. 27	8,729	11,46
	Dec. 66	38,960	44,00		Dec. 66	8,647	11,95
1837	Jan. 0	5 6 41,815	— 8 23 39,60	1847	Jan. 0	5 7 11,555	— 8 23 7,24
	Apr. 10	41,888	39,04		Apr. 10	11,469	7,69
	Jul. 19	41,965	38,53		Jul. 19	11,382	8,06
	Oct. 27	42,045	38,08		Oct. 27	11,293	8,36
	Dec. 66	42,128	37,69		Dec. 66	11,202	8,58
1838	Jan. 0	5 6 44,979	— 8 23 33,23	1848	Jan. 1	5 7 14,112	— 8 23 3,97
	Apr. 10	45,064	32,89		Apr. 10	14,020	4,15
	Jul. 19	45,149	32,61		Jul. 19	13,930	4,25
	Oct. 27	45,235	32,40		Oct. 27	13,841	4,27
	Dec. 66	45,322	32,26		Dec. 66	13,753	4,21
1839	Jan. 0	5 6 48,172	— 8 23 27,72	1849	Jan. 0	5 7 16,662	— 8 22 59,69
	Apr. 10	48,258	27,63		Apr. 10	16,576	59,58
	Jul. 19	48,343	27,61		Jul. 19	16,493	59,40
	Oct. 27	48,426	27,67		Oct. 27	16,414	59,14
	Dec. 66	48,508	27,80		Dec. 66	16,339	58,81

Tabulae X. Sect. V. β *Orionis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h m ′ ″	° ′ ″
Jan. 0	+1,283	+ 1,6	— 2,90	—16,0	+1	+1	1830	5 6 22,2241	— 8 24 17,810
10	+1,277	— 2,7	— 4,44	—14,5	+2	+1	1831	6 25,1029	24 13,192
20	+1,229	— 6,8	— 5,80	—12,5	+2	+1	1832	6 27,9817	24 8,578
30	+1,142	—10,5	— 6,94	—10,3	+2	0	1833	6 30,8605	24 3,968
Febr. 9	+1,019	—13,7	— 7,86	— 8,0	+3	0	1834	6 33,7394	23 59,362
							1835	6 36,6183	23 54,760
19	+0,869	—16,0	— 8,53	— 5,5	+3	0	1836	6 39,4973	23 50,162
Mart. 1	+0,699	—17,5	— 8,96	— 3,0	+3	0	1837	6 42,3763	23 45,568
11	+0,519	—18,0	— 9,13	— 0,5	+3	0	1838	6 45,2554	23 40,979
21	+0,339	—17,6	— 9,06	+ 2,0	+3	—1	1839	6 48,1345	23 36,394
31	+0,168	—16,1	— 8,73	+ 4,5	+3	—1	1840	6 51,0136	23 31,812
							1841	6 53,8928	23 27,235
Apr. 10	+0,017	—13,8	— 8,17	+ 6,9	+2	—1	1842	6 56,7720	23 22,662
20	—0,107	— 9,7	— 7,36	+ 9,3	+2	—1	1843	6 59,6513	23 18,093
30	—0,197	— 6,0	— 6,32	+11,5	+2	—1	1844	7 2,5306	23 13,528
Maj. 10	—0,247	— 2,9	— 5,06	+13,6	+1	—2	1845	7 5,4100	23 8,967
20	—0,255	+ 1,4	— 3,61	+15,4	+1	—2	1846	7 8,2894	23 4,410
							1847	7 11,1688	22 59,857
30	—0,219	+ 5,8	— 1,98	+17,0	+1	—2	1848	7 14,0483	22 55,309
Jun. 9	—0,140	+10,0	— 0,21	+18,3	0	—2	1849	7 16,9278	22 50,765
19	—0,019	+14,0	+ 1,67	+19,1	0	—3	1850	7 19,8074	22 46,224
29	+0,139	+17,5	+ 3,60	+19,4	—1	—3			
Jul. 9	+0,331	+20,7	+ 5,54	+19,1	—1	—3			
19	+0,552	+23,3	+ 7,42	+18,3	—1	—3			
29	+0,796	+25,3	+ 9,19	+16,9	—2	—3			
Aug. 8	+1,058	+26,9	+10,80	+14,9	—2	—3			
18	+1,333	+27,9	+12,17	+12,3	—2	—3			
28	+1,615	+28,4	+13,26	+ 9,3	—2	—3			
Sept. 7	+1,901	+28,6	+14,03	+ 5,9	—2	—3			
17	+2,187	+28,3	+14,44	+ 2,3	—2	—3			
27	+2,467	+27,5	+14,49	— 1,5	—2	—3			
Oct. 7	+2,739	+26,5	+14,15	— 5,2	—2	—3			
17	+2,998	+25,2	+13,45	— 8,5	—2	—3			
27	+3,242	+23,4	+12,45	—11,5	—1	—3			
Nov. 6	+3,466	+21,3	+11,16	—14,1	—1	—3			
16	+3,667	+18,7	+ 9,64	—16,0	—1	—3			
26	+3,839	+15,6	+ 7,96	—17,2	0	—3			
Dec. 6	+3,978	+12,1	+ 6,21	—17,7	0	—3			
16	+4,081	+ 8,3	+ 4,43	—17,6	+1	—3			
26	+4,144	+ 4,2	+ 2,70	—16,8	+1	—3			
36	+4,165	0,0	+ 1,08	—15,6	+2	—3			

Diei reducto addendum est:

ante } Jun. 8 { +1
post } { +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. β *Tauri.*

		^{h} $'$ $''$	$^\circ$ $'$ $''$			^{h} $'$ $''$	$^\circ$ $'$ $''$
1830	Jan. 0	5 15 32,964	+28 27 8,26	1840	Jan. 1	5 16 11,296	+28 28 2,19
	Apr. 10	32,845	8,28		Apr. 10	11,404	1,99
	Jul. 19	32,729	8,38		Jul. 19	11,507	1,72
	Oct. 27	32,616	8,56		Oct. 27	11,606	1,38
	Dec. 66	32,506	8,81		Dec. 66	11,700	0,98
1831	Jan. 0	5 15 36,328	+28 27 12,38	1841	Jan. 0	5 16 15,456	+28 28 4,72
	Apr. 10	36,222	12,68		Apr. 10	15,546	4,27
	Jul. 19	36,122	13,05		Jul. 19	15,628	3,77
	Oct. 27	36,028	13,49		Oct. 27	15,703	3,21
	Dec. 66	35,941	13,99		Dec. 66	15,771	2,60
1832	Jan. 1	5 15 39,755	+28 27 17,47	1842	Jan. 0	5 16 19,536	+28 28 6,41
	Apr. 10	39,674	18,02		Apr. 10	19,599	5,76
	Jul. 19	39,601	18,61		Jul. 19	19,651	5,07
	Oct. 27	39,538	19,26		Oct. 27	19,694	4,35
	Dec. 66	39,483	19,95		Dec. 66	19,726	3,59
1833	Jan. 0	5 15 43,286	+28 27 23,36	1843	Jan. 0	5 16 23,504	+28 28 7,44
	Apr. 10	43,238	24,08		Apr. 10	23,531	6,66
	Jul. 19	43,201	24,83		Jul. 19	23,547	5,86
	Oct. 27	43,174	25,61		Oct. 27	23,552	5,05
	Dec. 66	43,158	26,41		Dec. 66	23,547	4,23
1834	Jan. 0	5 15 46,948	+28 27 29,78	1844	Jan. 1	5 16 27,338	+28 28 8,09
	Apr. 10	46,939	30,59		Apr. 10	27,324	7,26
	Jul. 19	46,941	31,41		Jul. 19	27,300	6,45
	Oct. 27	46,953	32,22		Oct. 27	27,266	5,64
	Dec. 66	46,976	33,04		Dec. 66	27,222	4,85
1835	Jan. 0	5 15 50,754	+28 27 36,40	1845	Jan. 0	5 16 31,025	+28 28 8,69
	Apr. 10	50,784	37,21		Apr. 10	30,974	7,91
	Jul. 19	50,823	38,00		Jul. 19	30,913	7,17
	Oct. 27	50,872	38,76		Oct. 27	30,843	6,46
	Dec. 66	50,930	39,50		Dec. 66	30,763	5,79
1836	Jan. 1	5 15 54,696	+28 27 42,88	1846	Jan. 0	5 16 34,578	+28 28 9,58
	Apr. 10	54,761	43,60		Apr. 10	34,494	8,94
	Jul. 19	54,833	44,27		Jul. 19	34,402	8,36
	Oct. 27	54,913	44,90		Oct. 27	34,304	7,84
	Dec. 66	55,000	45,49		Dec. 66	34,198	7,37
1837	Jan. 0	5 15 58,757	+28 27 48,92	1847	Jan. 0	5 16 38,022	+28 28 11,09
	Apr. 10	58,849	49,47		Apr. 10	37,913	10,67
	Jul. 19	58,945	49,96		Jul. 19	37,801	10,32
	Oct. 27	59,046	50,39		Oct. 27	37,686	10,04
	Dec. 66	59,152	50,75		Dec. 66	37,568	9,84
1838	Jan. 0	5 16 2,903	+28 27 54,25	1848	Jan. 1	5 16 41,395	+28 28 13,46
	Apr. 10	3,012	54,58		Apr. 10	41,276	13,31
	Jul. 19	3,122	54,83		Jul. 19	41,157	13,24
	Oct. 27	3,235	55,01		Oct. 27	41,039	13,25
	Dec. 66	3,348	55,12		Dec. 66	40,921	13,33
1839	Jan. 0	5 16 7,097	+28 27 58,71	1849	Jan. 0	5 16 44,748	+28 28 16,85
	Apr. 10	7,211	58,77		Apr. 10	44,633	16,99
	Jul. 19	7,324	58,76		Jul. 19	44,521	17,20
	Oct. 27	7,436	58,68		Oct. 27	44,414	17,48
	Dec. 66	7,546	58,53		Dec. 66	44,341	17,84

Tabulae X. Sect. V. *β Tauri.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jan. 0	+1,473	+ 4,6	+1,56	+4,2	+1	—2	1830	5 15 33,0577	+28 27 17,251
10	+1,494	— 0,4	+1,98	+4,1	+2	—2	1831	15 36,8439	27 20,907
20	+1,465	— 5,3	+2,38	+3,7	+3	—2	1832	15 40,6302	27 24,557
30	+1,388	— 9,8	+2,72	+3,1	+3	—2	1833	15 44,4166	27 28,202
Febr. 9	+1,270	—13,6	+3,00	+2,3	+4	—2	1834	15 48,2031	27 31,841
							1835	15 51,9895	27 35,475
19	+1,116	—16,7	+3,17	+1,1	+4	—1	1836	15 55,7761	27 39,104
Mart. 1	+0,937	—18,6	+3,22	—0,1	+4	—1	1837	15 59,5628	27 42,727
11	+0,745	—19,4	+3,15	—1,3	+4	—1	1838	16 3,3496	27 46,345
21	+0,550	—19,0	+2,96	—2,5	+4	0	1839	16 7,1365	27 49,957
31	+0,366	—17,4	+2,65	—3,6	+4	0	1840	16 10,9236	27 53,563
							1841	16 14,7107	27 57,165
Apr. 10	+0,203	—14,8	+2,25	—4,4	+4	0	1842	16 18,4979	28 0,761
20	+0,071	—11,3	+1,78	—4,9	+3	+1	1843	16 22,2852	28 4,352
30	—0,022	— 7,1	+1,28	—5,0	+3	+1	1844	16 26,0726	28 7,937
Maj. 10	—0,070	— 2,4	+0,78	—4,9	+2	+1	1845	16 29,8599	28 11,517
20	—0,069	+ 2,6	+0,31	—4,5	+2	+1	1846	16 33,6474	28 15,092
							1847	16 37,4350	28 18,661
30	—0,019	+ 7,5	—0,11	—3,7	+1	+1	1848	16 41,2227	28 22,225
Jun. 9	+0,081	+12,3	—0,43	—2,8	0	0	1849	16 45,0105	28 25,783
19	+0,227	+16,7	—0,66	—1,7	0	0	1850	16 48,7985	28 29,335
29	+0,415	+20,7	—0,77	—0,6	—1	0			
Jul. 9	+0,641	+24,2	—0,77	+0,5	—1	—1			
19	+0,899	+27,1	—0,67	+1,6	—2	—1			
29	+1,182	+29,3	—0,46	+2,5	—2	—2			
Aug. 8	+1,485	+31,0	—0,18	+3,1	—3	—2			
18	+1,802	+32,2	+0,16	+3,6	—3	—3			
28	+2,128	+32,9	+0,53	+3,9	—3	—3			
Sept. 7	+2,459	+33,1	+0,93	+4,0	—3	—4			
17	+2,789	+32,9	+1,32	+3,9	—3	—4			
27	+3,116	+32,4	+1,70	+3,7	—3	—5			
Oct. 7	+3,436	+31,5	+2,06	+3,5	—3	—6			
17	+3,745	+30,2	+2,40	+3,4	—2	—6			
27	+4,040	+28,5	+2,73	+3,3	—2	—6			
Nov. 6	+4,315	+26,3	+3,05	+3,3	—2	—7			
16	+4,566	+23,7	+3,38	+3,4	—1	—7			
26	+4,788	+20,4	+3,72	+3,6	0	—7			
Dec. 6	+4,974	+16,6	+4,09	+3,8	0	—8			
16	+5,120	+12,4	+4,48	+4,1	+1	—8			
26	+5,221	+ 7,7	+4,90	+4,2	+2	—8			
36	+5,274	+ 2,7	+5,32	+4,2	+3	—8			

Diei reducto addendum est:

ante / post } Jun. 10 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Orionis.*

1830	Jan. 0	$5^h\,45'\,58''{,}060$	$+\,7°\,21'\,54''{,}10$	1840	Jan. 1	$5^h\,46'\,31''{,}011$	$+\,7°\,22'\,23''{,}56$
	Apr. 10	57,959	54,21		Apr. 10	31,102	23,28
	Jul. 19	57,861	54,39		Jul. 19	31,188	22,94
	Oct. 27	57,766	54,65		Oct. 27	31,270	22,53
	Dec. 66	57,673	54,98		Dec. 66	31,348	22,05
1831	Jan. 0	5 46 0,949	+ 7 21 56,08	1841	Jan. 0	5 46 34,568	+ 7 22 23,39
	Apr. 10	0,859	56,46		Apr. 10	34,642	22,87
	Jul. 19	0,776	56,91		Jul. 19	34,710	22,30
	Oct. 27	0,699	57,42		Oct. 27	34,771	21,68
	Dec. 66	0,628	58,00		Dec. 66	34,825	21,01
1832	Jan. 1	5 46 3,896	+ 7 21 59,01	1842	Jan. 0	5 46 38,054	+ 7 22 22,41
	Apr. 10	3,830	59,62		Apr. 10	38,103	21,71
	Jul. 19	3,771	22 0,28		Jul. 19	38,144	20,98
	Oct. 27	3,720	0,98		Oct. 27	38,177	20,22
	Dec. 66	3,677	1,72		Dec. 66	38,201	19,42
1833	Jan. 0	5 46 6,936	+ 7 22 2,67	1843	Jan. 0	5 46 41,439	+ 7 22 20,85
	Apr. 10	6,899	3,43		Apr. 10	41,458	20,04
	Jul. 19	6,871	4,22		Jul. 19	41,467	19,23
	Oct. 27	6,853	5,02		Oct. 27	41,467	18,41
	Dec. 66	6,844	5,85		Dec. 66	41,458	17,58
1834	Jan. 0	5 46 10,091	+ 7 22 6,78	1844	Jan. 1	5 46 44,708	+ 7 22 19,01
	Apr. 10	10,088	7,61		Apr. 10	44,693	18,19
	Jul. 19	10,094	8,43		Jul. 19	44,668	17,38
	Oct. 27	10,109	9,24		Oct. 27	44,635	16,59
	Dec. 66	10,133	10,05		Dec. 66	44,592	15,81
1835	Jan. 0	5 46 13,369	+ 7 22 10,98	1845	Jan. 0	5 46 47,853	+ 7 22 17,22
	Apr. 10	13,399	11,78		Apr. 10	47,805	16,47
	Jul. 19	13,437	12,55		Jul. 19	47,749	15,76
	Oct. 27	13,483	13,29		Oct. 27	47,685	15,09
	Dec. 66	13,537	13,99		Dec. 66	47,614	14,47
1836	Jan. 1	5 46 16,764	+ 7 22 14,95	1846	Jan. 0	5 46 50,885	+ 7 22 15,82
	Apr. 10	16,823	15,63		Apr. 10	50,809	15,23
	Jul. 19	16,888	16,26		Jul. 19	50,728	14,71
	Oct. 27	16,959	16,84		Oct. 27	50,641	14,25
	Dec. 66	17,036	17,37		Dec. 66	50,549	13,86
1837	Jan. 0	5 46 20,255	+ 7 22 18,39	1847	Jan. 0	5 46 53,826	+ 7 22 15,12
	Apr. 10	20,337	18,88		Apr. 10	53,731	14,77
	Jul. 19	20,422	19,31		Jul. 19	53,634	14,50
	Oct. 27	20,511	19,67		Oct. 27	53,534	14,30
	Dec. 66	20,603	19,96		Dec. 66	53,432	14,18
1838	Jan. 0	5 46 23,818	+ 7 22 21,06	1848	Jan. 1	5 46 56,712	+ 7 22 15,35
	Apr. 10	23,913	21,31		Apr. 10	56,610	15,28
	Jul. 19	24,008	21,48		Jul. 19	56,508	15,29
	Oct. 27	24,105	21,59		Oct. 27	56,408	15,38
	Dec. 66	24,202	21,62		Dec. 66	56,308	15,54
1839	Jan. 0	5 46 27,415	+ 7 22 22,80	1849	Jan. 0	5 46 59,587	+ 7 22 16,61
	Apr. 10	27,512	22,79		Apr. 10	59,489	16,83
	Jul. 19	27,608	22,70		Jul. 19	59,395	17,12
	Oct. 27	27,703	22,54		Oct. 27	59,305	17,48
	Dec. 66	27,796	22,30		Dec. 66	59,220	17,92

Tabulae X. Sect. V. *α Orionis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,353	+ 6,5	−1,31	− 8,8	+1	−1	1830	5 45 58,1899	+ 7 22 3,130
10	+1,395	+ 1,9	−2,14	− 7,8	+1	−1	1831	46 1,4354	22 4,348
20	+1,391	− 2,7	−2,86	− 6,6	+2	−1	1832	46 4,6809	22 5,561
30	+1,342	− 7,0	−3,46	− 5,5	+2	−1	1833	46 7,9264	22 6,769
Febr. 9	+1,252	−10,8	−3,95	− 4,3	+3	−1	1834	46 11,1720	22 7,973
							1835	46 14,4176	22 9,172
19	+1,127	−13,4	−4,32	− 3,2	+3	−1	1836	46 17,6632	22 10,366
Mart. 1	+0,975	−15,6	−4,58	− 2,1	+3	−1	1837	46 20,9089	22 11,556
11	+0,805	−17,3	−4,73	− 1,0	+3	−1	1838	46 24,1546	22 12,741
21	+0,629	−17,4	−4,78	− 0,1	+3	−1	1839	46 27,4003	22 13,921
31	+0,457	−16,5	−4,74	+ 0,9	+3	−1	1840	46 30,6461	22 15,097
							1841	46 33,8919	22 16,268
Apr. 10	+0,299	−14,7	−4,60	+ 2,0	+3	−1	1842	46 37,1377	22 17,434
20	+0,164	−12,0	−4,35	+ 3,1	+3	−1	1843	46 40,3836	22 18,595
30	+0,059	− 8,7	−3,98	+ 4,2	+2	−1	1844	46 43,6295	22 19,752
Maj. 10	−0,009	− 4,8	−3,51	+ 5,3	+2	−1	1845	46 46,8754	22 20,903
20	−0,037	− 0,7	−2,92	+ 6,5	+1	−1	1846	46 50,1214	22 22,050
							1847	46 53,3674	22 23,192
30	−0,022	+ 3,6	−2,21	+ 7,7	+1	−1	1848	46 56,6134	22 24,330
Jun. 9	+0,035	+ 7,8	−1,39	+ 8,7	+1	−1	1849	46 59,8594	22 25,463
19	+0,133	+11,7	−0,48	+ 9,5	0	−2	1850	47 3,1055	22 26,592
29	+0,269	+15,4	+ 0,51	+10,1	0	−2			
Jul. 9	+0,440	+18,6	+ 1,54	+10,4	−1	−2			
19	+0,641	+21,4	+ 2,58	+10,4	−1	−2			
29	+0,868	+23,7	+ 3,61	+ 9,9	−2	−2			
Aug. 8	+1,115	+25,6	+ 4,56	+ 9,0	−2	−3			
18	+1,379	+27,1	+ 5,41	+ 7,8	−2	−3			
28	+1,656	+28,1	+ 6,12	+ 6,2	−2	−3			
Sept. 7	+1,941	+28,7	+ 6,64	+ 4,2	−3	−3			
17	+2,230	+29,0	+ 6,96	+ 2,1	−3	−4			
27	+2,521	+29,0	+ 7,05	− 0,2	−3	−4			
Oct. 7	+2,810	+28,7	+ 6,92	− 2,5	−3	−4			
17	+3,094	+28,0	+ 6,55	− 4,7	−2	−4			
27	+3,369	+26,8	+ 5,99	− 6,5	−2	−4			
Nov. 6	+3,630	+25,2	+ 5,25	− 8,1	−2	−4			
16	+3,873	+23,1	+ 4,37	− 9,2	−1	−5			
26	+4,092	+20,4	+ 3,41	− 9,9	−1	−5			
Dec. 6	+4,281	+17,2	+ 2,40	−10,1	0	−5			
16	+4,435	+13,5	+ 1,39	− 9,9	0	−5			
26	+4,550	+ 9,3	+ 0,43	− 9,3	+1	−5			
36	+4,620	+ 4,8	−0,46	− 8,4	+1	−5			

Diei reducto addendum est:

ante / post } Jun. 17 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Canis majoris.*

		h ′ ″	° ′ ″
1830	Jan. 0	6 37 39,186	—16 29 30,91
	Apr. 10	39,102	30,66
	Jul. 19	39,020	30,34
	Oct. 27	38,941	29,96
	Dec. 66	38,865	29,50
1831	Jan. 0	6 37 41,534	—16 29 34,18
	Apr. 10	41,459	33,68
	Jul. 19	41,388	33,13
	Oct. 27	41,322	32,52
	Dec. 66	41,261	31,85
1832	Jan. 1	6 37 43,925	—16 29 36,61
	Apr. 10	43,868	35,91
	Jul. 19	43,817	35,18
	Oct. 27	43,773	34,42
	Dec. 66	43,736	33,63
1833	Jan. 0	6 37 46,392	—16 29 38,43
	Apr. 10	46,360	37,62
	Jul. 19	46,335	36,81
	Oct. 27	46,317	35,99
	Dec. 66	46,307	35,16
1834	Jan. 0	6 37 48,953	—16 29 39,97
	Apr. 10	48,948	39,15
	Jul. 19	48,951	38,35
	Oct. 27	48,961	37,57
	Dec. 66	48,978	36,80
1835	Jan. 0	6 37 51,616	—16 29 41,59
	Apr. 10	51,639	40,84
	Jul. 19	51,668	40,14
	Oct. 27	51,704	39,47
	Dec. 66	51,746	38,85
1836	Jan. 1	6 37 54,375	—16 29 43,59
	Apr. 10	54,422	43,00
	Jul. 19	54,474	42,47
	Oct. 27	54,531	42,00
	Dec. 66	54,594	41,58
1837	Jan. 0	6 37 57,217	—16 29 46,26
	Apr. 10	57,283	45,89
	Jul. 19	57,352	45,58
	Oct. 27	57,424	45,35
	Dec. 66	57,500	45,18
1838	Jan. 0	6 38 0,119	—16 29 49,78
	Apr. 10	0,197	49,66
	Jul. 19	0,275	49,62
	Oct. 27	0,355	49,65
	Dec. 66	0,435	49,76
1839	Jan. 0	6 38 3,052	—16 29 54,26
	Apr. 10	3,133	54,41
	Jul. 19	3,213	54,63
	Oct. 27	3,292	54,92
	Dec. 66	3,369	55,28

		h ′ ″	° ′ ″
1840	Jan. 1	6 38 5,987	—16 29 59,71
	Apr. 10	6,063	30 0,11
	Jul. 19	6,136	0,57
	Oct. 27	6,205	1,09
	Dec. 66	6,271	1,67
1841	Jan. 0	6 38 8,893	—16 30 6,03
	Apr. 10	8,956	6,64
	Jul. 19	9,013	7,30
	Oct. 27	9,066	7,99
	Dec. 66	9,113	8,73
1842	Jan. 0	6 38 11,742	—16 30 13,04
	Apr. 10	11,784	13,80
	Jul. 19	11,820	14,58
	Oct. 27	11,849	15,37
	Dec. 66	11,872	16,18
1843	Jan. 0	6 38 14,509	—16 30 20,47
	Apr. 10	14,527	21,30
	Jul. 19	14,537	22,12
	Oct. 27	14,539	22,93
	Dec. 66	14,534	23,74
1844	Jan. 1	6 38 17,180	—16 30 28,05
	Apr. 10	17,170	28,84
	Jul. 19	17,152	29,61
	Oct. 27	17,127	30,34
	Dec. 66	17,094	31,04
1845	Jan. 0	6 38 19,750	—16 30 35,39
	Apr. 10	19,712	36,06
	Jul. 19	19,668	36,68
	Oct. 27	19,617	37,25
	Dec. 66	19,560	37,77
1846	Jan. 0	6 38 22,224	—16 30 42,18
	Apr. 10	22,163	42,65
	Jul. 19	22,097	43,06
	Oct. 27	22,026	43,39
	Dec. 66	21,951	43,66
1847	Jan. 0	6 38 24,621	—16 30 48,16
	Apr. 10	24,544	48,38
	Jul. 19	24,464	48,52
	Oct. 27	24,382	48,58
	Dec. 66	24,298	48,56
1848	Jan. 1	6 38 26,970	—16 30 53,16
	Apr. 10	26,885	53,09
	Jul. 19	26,801	52,94
	Oct. 27	26,718	52,71
	Dec. 66	26,635	52,41
1849	Jan. 0	6 38 29,306	—16 30 57,11
	Apr. 10	29,224	56,76
	Jul. 19	29,146	56,35
	Oct. 27	29,071	55,86
	Dec. 66	28,999	55,31

Tabulae X. Sect. V. *α Canis majoris.*

1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,427	+ 9,2	− 1,76	−23,8	0	+1	1830 6 37 39,2683	−16 29 22,167
10	+1,495	+ 4,4	− 4,09	−22,4	+1	+1	1831 37 41,9124	29 26,690
20	+1,515	− 0,5	− 6,23	−20,3	+1	+1	1832 37 44,5565	29 31,216
30	+1,486	− 5,2	− 8,15	−17,9	+1	0	1833 37 47,2006	29 35,747
Febr. 9	+1,411	− 9,6	− 9,80	−15,1	+2	0	1834 37 49,8447	29 40,281
							1835 37 52,4888	29 44,818
19	+1,295	−13,2	−11,16	−12,1	+2	0	1836 37 55,1329	29 49,360
Mart. 1	+1,147	−16,1	−12,22	− 9,0	+2	0	1837 37 57,7770	29 53,905
11	+0,973	−18,1	−12,95	− 5,8	+2	−1	1838 38 0,4211	29 58,454
21	+0,785	−19,1	−13,37	− 2,6	+3	−1	1839 38 3,0652	30 3,008
31	+0,592	−19,1	−13,47	+ 0,6	+2	−1	1840 38 5,7094	30 7,565
							1841 38 8,3535	30 12,125
Apr. 10	+0,404	−18,0	−13,26	+ 3,7	+2	−1	1842 38 10,9976	30 16,690
20	+0,232	−16,2	−12,74	+ 6,7	+2	−2	1843 38 13,6417	30 21,258
30	+0,081	−13,6	−11,93	+ 9,5	+2	−2	1844 38 16,2858	30 25,830
Maj. 10	−0,040	−10,4	−10,85	+12,1	+2	−2	1845 38 18,9301	30 30,406
20	−0,127	− 6,9	− 9,52	+14,5	+2	−2	1846 38 21,5742	30 34,985
							1847 38 24,2183	30 39,569
30	−0,177	− 3,0	− 7,96	+16,6	+1	−3	1848 38 26,8624	30 44,156
Jun. 9	−0,187	+ 1,0	− 6,20	+18,3	+1	−3	1849 38 29,5065	30 48,747
19	−0,158	+ 4,8	− 4,30	+19,6	0	−3	1850 38 32,1508	30 53,342
29	−0,091	+ 8,6	− 2,29	+20,3	0	−3		
Jul. 9	+0,013	+11,7	− 0,24	+20,5	0	−3		
19	+0,152	+14,9	+ 1,80	+20,0	−1	−3		
29	+0,321	+18,3	+ 3,76	+18,9	−1	−3		
Aug. 8	+0,518	+20,9	+ 5,57	+17,0	−1	−3		
18	+0,739	+23,1	+ 7,16	+14,6	−2	−3		
28	+0,980	+25,0	+ 8,48	+11,5	−2	−3		
Sept. 7	+1,239	+26,6	+ 9,45	+ 7,8	−2	−3		
17	+1,512	+27,8	+10,03	+ 3,7	−2	−3		
27	+1,795	+28,7	+10,18	− 0,8	−2	−3		
Oct. 7	+2,085	+29,1	+ 9,88	− 5,2	−2	−3		
17	+2,376	+29,0	+ 9,15	− 9,5	−2	−2		
27	+2,665	+28,5	+ 7,98	−13,6	−2	−2		
Nov. 6	+2,946	+27,4	+ 6,43	−17,2	−2	−2		
16	+3,213	+25,6	+ 4,55	−20,2	−2	−2		
26	+3,458	+23,2	+ 2,40	−22,5	−1	−2		
Dec. 6	+3,676	+20,1	+ 0,06	−23,9	−1	−2		
16	+3,860	+16,8	− 2,37	−24,5	−1	−2		
26	+4,004	+12,1	− 4,83	−24,2	0	−2		
36	+4,102	+ 7,5	− 7,22	−23,4	0	−3		

Diei reducto addendum est:

ante / post } Jun. 30 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Geminorum.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1830	Jan. 0	7 23 43,766	+32 15 0,78
	Apr. 10	43,648	1,14
	Jul. 19	43,534	1,56
	Oct. 27	43,426	2,04
	Dec. 66	43,322	2,59
1831	Jan. 0	7 23 47,198	+32 14 55,15
	Apr. 10	47,099	55,74
	Jul. 19	47,007	56,37
	Oct. 27	46,924	57,04
	Dec. 66	46,848	57,76
1832	Jan. 1	7 23 50,714	+32 14 50,27
	Apr. 10	50,645	51,01
	Jul. 19	50,586	51,77
	Oct. 27	50,537	52,55
	Dec. 66	50,498	53,35
1833	Jan. 0	7 23 54,351	+32 14 45,83
	Apr. 10	54,319	46,64
	Jul. 19	54,299	47,44
	Oct. 27	54,290	48,24
	Dec. 66	54,292	49,03
1834	Jan. 0	7 23 58,132	+32 14 41,51
	Apr. 10	58,141	42,29
	Jul. 19	58,161	43,04
	Oct. 27	58,191	43,76
	Dec. 66	58,232	44,46
1835	Jan. 0	7 24 2,059	+32 14 36,97
	Apr. 10	2,107	37,64
	Jul. 19	2,164	38,26
	Oct. 27	2,230	38,83
	Dec. 66	2,305	39,35
1836	Jan. 1	7 24 6,120	+32 14 31,91
	Apr. 10	6,201	32,40
	Jul. 19	6,288	32,82
	Oct. 27	6,381	33,17
	Dec. 66	6,481	33,46
1837	Jan. 0	7 24 10,289	+32 14 26,09
	Apr. 10	10,392	26,35
	Jul. 19	10,499	26,53
	Oct. 27	10,610	26,64
	Dec. 66	10,724	26,68
1838	Jan. 0	7 24 14,527	+32 14 19,39
	Apr. 10	14,643	19,38
	Jul. 19	14,759	19,30
	Oct. 27	14,875	18,15
	Dec. 66	14,991	18,94
1839	Jan. 0	7 24 18,793	+32 14 11,73
	Apr. 10	18,909	11,47
	Jul. 19	19,021	11,14
	Oct. 27	19,131	10,75
	Dec. 66	19,237	10,29
1840	Jan. 1	7 24 23,043	+32 14 3,16
	Apr. 10	23,146	2,66
	Jul. 19	23,243	2,12
	Oct. 27	23,334	1,52
	Dec. 66	23,418	0,88
1841	Jan. 0	7 24 27,232	+32 13 53,81
	Apr. 10	27,311	53,14
	Jul. 19	27,382	52,43
	Oct. 27	27,444	51,70
	Dec. 66	27,498	50,93
1842	Jan. 0	7 24 31,322	+32 13 43,89
	Apr. 10	31,369	43,11
	Jul. 19	31,406	42,32
	Oct. 27	31,433	41,52
	Dec. 66	31,449	40,72
1843	Jan. 0	7 24 35,286	+32 13 33,68
	Apr. 10	35,294	32,88
	Jul. 19	35,292	32,10
	Oct. 27	35,279	31,33
	Dec. 66	35,256	30,58
1844	Jan. 1	7 24 39,105	+32 13 23,51
	Apr. 10	39,074	22,78
	Jul. 19	39,033	22,09
	Oct. 27	38,981	21,44
	Dec. 66	38,918	20,82
1845	Jan. 0	7 24 42,781	+32 13 13,70
	Apr. 10	42,712	13,13
	Jul. 19	42,635	12,61
	Oct. 27	42,549	12,15
	Dec. 66	42,455	11,75
1846	Jan. 0	7 24 46,327	+32 13 4,55
	Apr. 10	46,228	4,20
	Jul. 19	46,124	3,92
	Oct. 27	46,014	3,71
	Dec. 66	45,899	3,58
1847	Jan. 0	7 24 49,778	+32 12 56,29
	Apr. 10	49,661	56,21
	Jul. 19	49,541	56,20
	Oct. 27	49,420	56,27
	Dec. 66	49,297	56,41
1848	Jan. 1	7 24 53,179	+32 12 49,02
	Apr. 10	53,057	49,22
	Jul. 19	52,936	49,49
	Oct. 27	52,819	49,83
	Dec. 66	52,703	50,24
1849	Jan. 0	7 24 56,581	+32 12 42,75
	Apr. 10	56,469	43,21
	Jul. 19	56,362	43,72
	Oct. 27	56,262	44,34
	Dec. 66	56,167	45,02

Tabulae X. Sect. V. α *Geminorum*.

	1840		1840		Var. 10 annor.	
	″	″	″	″		
Jan. 0	+1,576	+18,8	— 4,00	+ 3,4	—1	—3
10	+1,738	+13,4	— 3,57	+ 5,1	—1	—3
20	+1,843	+ 7,6	— 2,99	+ 6,4	0	—3
30	+1,889	+ 1,7	— 2,29	+ 7,4	+1	—4
Febr. 9	+1,876	— 4,0	— 1,52	+ 7,9	+1	—4
19	+1,810	— 9,0	— 0,71	+ 8,0	+2	—4
Mart. 1	+1,697	—13,3	+ 0,07	+ 7,5	+3	—3
11	+1,545	—16,5	+ 0,78	+ 6,6	+3	—3
21	+1,367	—18,6	+ 1,39	+ 5,4	+3	—3
31	+1,174	—19,5	+ 1,85	+ 3,8	+4	—2
Apr. 10	+0,978	—19,2	+ 2,15	+ 2,2	+4	—2
20	+0,790	—17,8	+ 2,29	+ 0,5	+4	—2
30	+0,622	—15,5	+ 2,25	— 1,2	+4	—1
Maj. 10	+0,480	—12,4	+ 2,06	— 2,6	+3	—1
20	+0,374	— 8,7	+ 1,73	— 3,9	+3	—1
30	+0,306	— 4,7	+ 1,28	— 5,0	+3	0
Jun. 9	+0,281	— 0,4	+ 0,73	— 5,9	+2	0
19	+0,298	+ 3,9	+ 0,11	— 6,5	+1	0
29	+0,358	+ 8,0	— 0,56	— 6,9	+1	0
Jul. 9	+0,458	+12,0	— 1,27	— 7,3	0	0
19	+0,597	+15,6	— 2,01	— 7,4	—1	0
29	+0,770	+19,0	— 2,75	— 7,5	—1	0
Aug. 8	+0,976	+21,9	— 3,51	— 7,7	—2	0
18	+1,211	+24,8	— 4,28	— 7,8	—3	—1
28	+1,471	+27,2	— 5,06	— 7,8	—3	—1
Sept. 7	+1,754	+29,3	— 5,84	— 7,9	—4	—1
17	+2,057	+31,2	— 6,64	— 8,0	—4	—2
27	+2,378	+32,9	— 7,44	— 7,9	—5	—2
Oct. 7	+2,714	+34,1	— 8,22	— 7,8	—5	—3
17	+3,060	+35,0	— 8,99	— 7,5	—5	—4
27	+3,413	+35,4	— 9,71	— 6,8	—5	—4
Nov. 6	+3,767	+35,2	—10,35	— 5,9	—5	—5
16	+4,116	+34,2	—10,89	— 4,7	—5	—6
26	+4,451	+32,4	—11,29	— 3,2	—5	—6
Dec. 6	+4,764	+29,8	—11,53	— 1,6	—4	—7
16	+5,047	+26,3	—11,60	+ 0,3	—4	—7
26	+5,289	+21,9	—11,47	+ 2,3	—3	—7
36	+5,484	+16,8	—11,15	+ 4,0	—2	—8

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	7 23 44,0612	+32 15 8,881
1831	23 47,9035	15 1,635
1832	23 51,7456	14 54,384
1833	23 55,5876	14 47,128
1834	23 59,4295	14 39,866
1835	24 3,2713	14 32,599
1836	24 7,1129	14 25,327
1837	24 10,9544	14 18,049
1838	24 14,7958	14 10,766
1839	24 18,6371	14 3,478
1840	24 22,4782	13 56,186
1841	24 26,3192	13 48,887
1842	24 30,1601	13 41,583
1843	24 34,0009	13 34,273
1844	24 37,8415	13 26,960
1845	24 41,6821	13 19,640
1846	24 45,5225	13 12,315
1847	24 49,3628	13 4,985
1848	24 53,2029	12 57,650
1849	24 57,0429	12 50,309
1850	25 0,8828	12 42,963

Diei reducto addendum est:

ante / post } Jul. 11 { +1 / +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Canis minoris.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1830	Jan. 0	7 30 23,751	+ 5 39 4,76
	Apr. 10	23,652	5,13
	Jul. 19	23,556	5,57
	Oct. 27	23,463	6,06
	Dec. 66	23,373	6,62
1831	Jan. 0	7 30 26,550	+ 5 38 57,65
	Apr. 10	26,463	58,24
	Jul. 19	26,382	58,88
	Oct. 27	26,307	59,56
	Dec. 66	26,239	39 0,29
1832	Jan. 1	7 30 29,408	+ 5 38 51,25
	Apr. 10	29,344	52,00
	Jul. 19	29,288	52,76
	Oct. 27	29,240	53,55
	Dec. 66	29,201	54,35
1833	Jan. 0	7 30 32,360	+ 5 38 45,29
	Apr. 10	32,326	46,09
	Jul. 19	32,301	46,89
	Oct. 27	32,285	47,69
	Dec. 66	32,278	48,48
1834	Jan. 0	7 30 35,426	+ 5 38 39,42
	Apr. 10	35,426	40,20
	Jul. 19	35,434	40,94
	Oct. 27	35,451	41,65
	Dec. 66	35,477	42,33
1835	Jan. 0	7 30 38,614	+ 5 38 33,31
	Apr. 10	38,646	33,97
	Jul. 19	38,685	34,57
	Oct. 27	38,733	35,13
	Dec. 66	38,788	35,63
1836	Jan. 1	7 30 41,915	+ 5 38 26,67
	Apr. 10	41,975	27,14
	Jul. 19	42,041	27,54
	Oct. 27	42,113	27,88
	Dec. 66	42,191	28,16
1837	Jan. 0	7 30 45,311	+ 5 38 19,27
	Apr. 10	45,392	19,50
	Jul. 19	45,477	19,66
	Oct. 27	45,566	19,75
	Dec. 66	45,658	19,77
1838	Jan. 0	7 30 48,773	+ 5 38 10,96
	Apr. 10	48,867	10,93
	Jul. 19	48,961	10,84
	Oct. 27	49,057	10,67
	Dec. 66	49,153	10,44
1839	Jan. 0	7 30 52,267	+ 5 38 1,71
	Apr. 10	52,363	1,43
	Jul. 19	52,457	1,09
	Oct. 27	52,549	0,69
	Dec. 66	52,640	0,22
1840	Jan. 1	7 30 55,756	+ 5 37 51,56
	Apr. 10	55,845	51,05
	Jul. 19	55,929	50,50
	Oct. 27	56,008	49,90
	Dec. 66	56,083	49,25
1841	Jan. 0	7 30 59,205	+ 5 37 40,65
	Apr. 10	59,276	39,97
	Jul. 19	59,341	39,27
	Oct. 27	59,399	38,54
	Dec. 66	59,450	37,76
1842	Jan. 0	7 31 2,580	+ 5 37 29,19
	Apr. 10	2,626	28,41
	Jul. 19	2,664	27,63
	Oct. 27	2,694	26,84
	Dec. 66	2,715	26,04
1843	Jan. 0	7 31 5,856	+ 5 37 17,47
	Apr. 10	5,872	16,68
	Jul. 19	5,878	15,90
	Oct. 27	5,876	15,14
	Dec. 66	5,864	14,40
1844	Jan. 1	7 31 9,015	+ 5 37 5,81
	Apr. 10	8,998	5,09
	Jul. 19	8,971	4,41
	Oct. 27	8,936	3,77
	Dec. 66	8,891	3,18
1845	Jan. 0	7 31 12,053	+ 5 36 54,53
	Apr. 10	12,003	53,97
	Jul. 19	11,946	53,47
	Oct. 27	11,882	53,03
	Dec. 66	11,810	52,64
1846	Jan. 0	7 31 14,981	+ 5 36 43,92
	Apr. 10	14,905	43,58
	Jul. 19	14,823	43,32
	Oct. 27	14,736	43,13
	Dec. 66	14,644	43,02
1847	Jan. 0	7 31 17,821	+ 5 36 34,20
	Apr. 10	17,727	34,14
	Jul. 19	17,630	34,15
	Oct. 27	17,532	34,24
	Dec. 66	17,431	34,40
1848	Jan. 1	7 31 20,611	+ 5 36 25,48
	Apr. 10	20,510	25,70
	Jul. 19	20,410	25,99
	Oct. 27	20,311	26,34
	Dec. 66	20,214	26,76
1849	Jan. 0	7 31 23,392	+ 5 36 17,75
	Apr. 10	23,296	18,22
	Jul. 19	23,205	18,75
	Oct. 27	23,118	19,33
	Dec. 66	23,035	19,97

Tabulae X. Sect. V. *α Canis minoris.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+1,336	+16,1	— 2,37	—13,3	—1	0	1830	7 30 23,9063	+ 5 39 12,741
10	+1,475	+11,5	— 3,63	—11,9	0	0	1831	30 27,0530	39 3,960
20	+1,565	+ 6,5	— 4,74	—10,2	0	—1	1832	30 30,1997	38 55,175
30	+1,605	+ 1,5	— 5,67	— 8,4	+1	—1	1833	30 33,3464	38 46,386
Febr. 9	+1,595	— 3,3	— 6,42	— 6,6	+1	—1	1834	30 36,4930	38 37,592
							1835	30 39,6395	38 28,793
19	+1,540	— 7,6	— 6,98	— 4,8	+2	—1	1836	30 42,7860	38 19,991
Mart. 1	+1,444	—11,3	— 7,38	— 3,2	+2	—2	1837	30 45,9325	38 11,185
11	+1,315	—14,0	— 7,62	— 1,7	+2	—2	1838	30 49,0789	38 2,374
21	+1,164	—15,8	— 7,72	— 0,4	+3	—2	1839	30 52,2253	37 53,559
31	+1,000	—16,6	— 7,70	+ 0,8	+3	—2	1840	30 55,3717	37 44,739
							1841	30 58,5180	37 35,918
Apr. 10	+0,832	—16,4	— 7,57	+ 1,9	+3	—2	1842	31 1,6642	37 27,089
20	+0,672	—15,3	— 7,33	+ 2,9	+3	—2	1843	31 4,8104	37 18,257
30	+0,526	—13,5	— 7,00	+ 3,8	+3	—2	1844	31 7,9566	37 9,421
Maj. 10	+0,403	—11,0	— 6,58	+ 4,6	+2	—2	1845	31 11,1027	37 0,580
20	+0,307	— 8,0	— 6,08	+ 5,3	+2	—2	1846	31 14,2488	36 51,736
							1847	31 17,3948	36 42,887
30	+0,244	— 4,6	— 5,52	+ 6,1	+2	—2	1848	31 20,5408	36 34,034
Jun. 9	+0,215	— 1,2	— 4,86	+ 6,9	+1	—2	1849	31 23,6867	36 25,177
19	+0,221	+ 2,4	— 4,15	+ 7,3	+1	—2	1850	31 26,8326	36 16,316
29	+0,262	+ 5,8	— 3,40	+ 7,6	+1	—2			
Jul. 9	+0,336	+ 9,1	— 2,63	+ 7,7	0	—2			
19	+0,448	+12,2	— 1,87	+ 7,5	0	—2			
29	+0,579	+15,0	— 1,14	+ 6,9	—1	—2			
Aug. 8	+0,743	+17,7	— 0,49	+ 5,9	—1	—2			
18	+0,932	+20,0	+ 0,04	+ 4,6	—2	—2			
28	+1,143	+22,2	+ 0,43	+ 3,0	—2	—2			
Sept. 7	+1,375	+24,2	+ 0,63	+ 0,9	—2	—2			
17	+1,627	+26,0	+ 0,61	— 1,4	—3	—2			
27	+1,894	+27,4	+ 0,35	— 3,8	—3	—2			
Oct. 7	+2,175	+28,7	— 0,15	— 6,3	—3	—2			
17	+2,468	+29,6	— 0,90	— 8,7	—3	—3			
27	+2,767	+30,1	— 1,88	—10,8	—3	—3			
Nov. 6	+3,069	+30,0	— 3,06	—12,7	—3	—3			
16	+3,366	+29,3	— 4,41	—14,0	—3	—3			
26	+3,654	+27,8	— 5,86	—14,8	—3	—3			
Dec. 6	+3,922	+25,6	— 7,37	—15,1	—2	—4			
16	+4,165	+22,6	— 8,88	—14,8	—2	—4			
26	+4,373	+18,8	—10,33	—14,0	—2	—4			
36	+4,540	+14,4	—11,68	—12,8	—1	—5			

Diei reducto addendum est:

ante / post } Jul. 13 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Geminorum.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	7 34 53,783	+28 25 36,53	1840	Jan. 1	7 35 31,453	+28 24 29,54
	Apr. 10	53,669	36,91		Apr. 10	31,553	29,03
	Jul. 19	53,559	37,36		Jul. 19	31,647	28,47
	Oct. 27	53,454	37,86		Oct. 27	31,735	27,86
	Dec. 66	53,354	38,43		Dec. 66	31,816	27,20
1831	Jan. 0	7 34 57,071	+28 25 30,09	1841	Jan. 0	7 35 35,473	+28 24 19,24
	Apr. 10	56,975	30,69		Apr. 10	35,550	18,56
	Jul. 19	56,886	31,34		Jul. 19	35,619	17,85
	Oct. 27	56,804	32,02		Oct. 27	35,679	17,11
	Dec. 66	56,732	32,75		Dec. 66	35,731	16,34
1832	Jan. 1	7 35 0,440	+28 25 24,36	1842	Jan. 0	7 35 39,398	+28 24 8,41
	Apr. 10	0,373	25,11		Apr. 10	39,444	7,63
	Jul. 19	0,315	25,88		Jul. 19	39,479	6,85
	Oct. 27	0,268	26,66		Oct. 27	39,505	6,06
	Dec. 66	0,230	27,46		Dec. 66	39,520	5,26
1833	Jan. 0	7 35 3,926	+28 25 19,04	1843	Jan. 0	7 35 43,199	+28 23 57,33
	Apr. 10	3,895	19,84		Apr. 10	43,209	56,54
	Jul. 19	3,875	20,64		Jul. 19	43,206	55,77
	Oct. 27	3,866	21,43		Oct. 27	43,193	55,02
	Dec. 66	3,868	22,21		Dec. 66	43,170	54,28
1834	Jan. 0	7 35 7,550	+28 25 13,80	1844	Jan. 1	7 35 46,862	+28 23 46,32
	Apr. 10	7,559	14,57		Apr. 10	46,832	45,61
	Jul. 19	7,578	15,31		Jul. 19	46,792	44,94
	Oct. 27	7,607	16,01		Oct. 27	46,742	44,31
	Dec. 66	7,647	16,69		Dec. 66	46,681	43,73
1835	Jan. 0	7 35 11,316	+28 25 8,31	1845	Jan. 0	7 35 50,385	+28 23 35,71
	Apr. 10	11,363	8,96		Apr. 10	50,319	35,16
	Jul. 19	11,418	9,55		Jul. 19	50,244	34,67
	Oct. 27	11,482	10,10		Oct. 27	50,161	34,24
	Dec. 66	11,554	10,59		Dec. 66	50,070	33,87
1836	Jan. 1	7 35 15,213	+28 25 2,26	1846	Jan. 0	7 35 53,784	+28 23 25,78
	Apr. 10	15,291	2,72		Apr. 10	53,688	25,46
	Jul. 19	15,375	3,11		Jul. 19	53,587	25,21
	Oct. 27	15,465	3,44		Oct. 27	53,481	25,03
	Dec. 66	15,562	3,70		Dec. 66	53,369	24,93
1837	Jan. 0	7 35 19,213	+28 24 55,46	1847	Jan. 0	7 35 57,090	+28 23 16,74
	Apr. 10	19,313	55,68		Apr. 10	56,976	16,69
	Jul. 19	19,417	55,82		Jul. 19	56,860	16,71
	Oct. 27	19,524	55,90		Oct. 27	56,743	16,81
	Dec. 66	19,634	55,91		Dec. 66	56,624	16,99
1838	Jan. 0	7 35 23,280	+28 24 47,74	1848	Jan. 1	7 36 0,346	+28 23 8,70
	Apr. 10	23,392	47,70		Apr. 10	0,227	8,93
	Jul. 19	23,504	47,60		Jul. 19	0,111	9,23
	Oct. 27	23,616	47,42		Oct. 27	35 59,997	9,59
	Dec. 66	23,729	47,17		Dec. 66	59,886	10,02
1839	Jan. 0	7 35 27,375	+28 24 39,09	1849	Jan. 0	7 36 3,605	+28 23 1,65
	Apr. 10	27,486	38,78		Apr. 10	3,496	2,12
	Jul. 19	27,595	38,44		Jul. 19	3,393	2,66
	Oct. 27	27,701	38,01		Oct. 27	3,296	3,24
	Dec. 66	27,804	37,55		Dec. 66	3,205	3,88

Tabulae X. Sect. V. β *Geminorum.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	+1,499	+19,3	− 4,24	+ 0,6	−1	−2	1830	7 34 54,0688	+28 25 44,428
10	+1,666	+14,0	− 4,09	+ 2,3	−1	−3	1831	34 57,7532	25 36,290
20	+1,779	+ 8,5	− 3,78	+ 3,9	0	−3	1832	35 1,4375	25 28,147
30	+1,835	+ 2,8	− 3,32	+ 5,2	+1	−3	1833	35 5,1216	25 19,999
Febr. 9	+1,834	− 2,7	− 2,75	+ 6,1	+1	−3	1834	35 8,8056	25 11,846
							1835	35 12,4895	25 3,687
19	+1,781	− 7,7	− 2,11	+ 6,5	+2	−3	1836	35 16,1733	24 55,524
Mart. 1	+1,681	−12,0	− 1,45	+ 6,5	+2	−3	1837	35 19,8570	24 47,356
11	+1,542	−15,3	− 0,82	+ 6,0	+3	−3	1838	35 23,5405	24 39,184
21	+1,376	−17,4	− 0,25	+ 5,2	+3	−3	1839	35 27,2239	24 31,007
31	+1,194	−18,5	+ 0,22	+ 4,1	+3	−2	1840	35 30,9072	24 22,825
							1841	35 34,5904	24 14,638
Apr. 10	+1,007	−18,4	+ 0,57	+ 2,9	+4	−2	1842	35 38,2734	24 6,446
20	+0,826	−17,3	+ 0,79	+ 1,6	+4	−2	1843	35 41,9563	23 58,249
30	+0,661	−15,2	+ 0,88	+ 0,2	+3	−1	1844	35 45,6391	23 50,047
Maj. 10	+0,522	−12,4	+ 0,83	− 1,0	+3	−1	1845	35 49,3218	23 41,839
20	+0,413	− 9,1	+ 0,68	− 2,1	+3	−1	1846	35 53,0044	23 33,627
							1847	35 56,6868	23 25,410
30	+0,340	− 5,3	+ 0,41	− 3,1	+2	−1	1848	36 0,3691	23 17,188
Jun. 9	+0,307	− 1,3	+ 0,07	− 3,8	+2	0	1849	36 4,0513	23 8,961
19	+0,314	+ 2,7	− 0,35	− 4,5	+1	0	1850	36 7,7334	23 0,731
29	+0,360	+ 6,6	− 0,82	− 4,9	+1	0			
Jul. 9	+0,445	+10,4	− 1,33	− 5,3	0	0			
19	+0,567	+13,9	− 1,87	− 5,6	0	0			
29	+0,722	+17,1	− 2,45	− 5,9	−1	0			
Aug. 8	+0,908	+20,1	− 3,05	− 6,2	−2	0			
18	+1,123	+22,8	− 3,69	− 6,6	−2	−1			
28	+1,363	+25,2	− 4,37	− 7,0	−3	−1			
Sept. 7	+1,626	+27,4	− 5,09	− 7,5	−3	−1			
17	+1,911	+29,4	− 5,86	− 7,9	−4	−2			
27	+2,214	+31,1	− 6,67	− 8,3	−4	−2			
Oct. 7	+2,532	+32,5	− 7,51	− 8,5	−5	−3			
17	+2,864	+33,6	− 8,36	− 8,5	−5	−3			
27	+3,203	+34,2	− 9,21	− 8,4	−5	−4			
Nov. 6	+3,547	+34,2	−10,03	− 7,9	−5	−4			
16	+3,887	+33,5	−10,78	− 7,0	−5	−5			
26	+4,216	+31,9	−11,42	− 5,7	−4	−5			
Dec. 6	+4,525	+29,6	−11,92	− 4,3	−4	−6			
16	+4,807	+26,4	−12,27	− 2,6	−4	−7			
26	+5,052	+22,2	−12,43	− 0,7	−3	−7			
36	+5,251	+17,4	−12,40	+ 1,3	−2	−7			

Diei reducto addendum est:

ante / post } Jul. 14 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Hydrae.*

1830	Jan. 0	9 19 13,832	— 7 55 39,72	1840	Jan. 1	9 19 43,639	— 7 58 4,05
	Apr. 10	13,739	39,15		Apr. 10	43,724	4,68
	Jul. 19	13,648	38,54		Jul. 19	43,805	5,33
	Oct. 27	13,559	37,90		Oct. 27	43,883	5,00
	Dec. 66	13,473	37,23		Dec. 66	43,957	6,69
1831	Jan. 0	9 19 16,449	— 7 55 52,76	1841	Jan. 0	9 19 46,880	— 7 58 21,79
	Apr. 10	16,365	52,07		Apr. 10	46,951	22,49
	Jul. 19	16,286	51,37		Jul. 19	47,016	23,19
	Oct. 27	16,212	50,66		Oct. 27	47,076	23,89
	Dec. 66	16,143	49,94		Dec. 66	47,130	24,59
1832	Jan. 1	9 19 19,113	— 7 56 5,49	1842	Jan. 0	9 19 50,060	— 7 58 39,69
	Apr. 10	19,048	4,76		Apr. 10	50,109	40,38
	Jul. 19	18,990	4,05		Jul. 19	50,151	41,05
	Oct. 27	18,939	3,35		Oct. 27	50,186	41,70
	Dec. 66	18,895	2,66		Dec. 66	50,214	42,33
1833	Jan. 0	9 19 21,856	— 7 56 18,20	1843	Jan. 0	9 19 53,152	— 7 58 57,46
	Apr. 10	21,817	17,52		Apr. 10	53,174	58,07
	Jul. 19	21,787	16,88		Jul. 19	53,188	58,64
	Oct. 27	21,765	16,27		Oct. 27	53,194	59,16
	Dec. 66	21,751	15,69		Dec. 66	53,191	59,65
1834	Jan. 0	9 19 24,702	— 7 56 31,19	1844	Jan. 1	9 19 56,140	— 7 59 14,83
	Apr. 10	24,693	30,64		Apr. 10	56,132	15,28
	Jul. 19	24,693	30,14		Jul. 19	56,115	15,68
	Oct. 27	24,701	29,69		Oct. 27	56,090	16,03
	Dec. 66	24,718	29,29		Dec. 66	56,056	16,32
1835	Jan. 0	9 19 27,659	— 7 56 44,73	1845	Jan. 0	9 19 59,015	— 7 59 31,57
	Apr. 10	27,681	44,37		Apr. 10	58,976	31,81
	Jul. 19	27,710	44,06		Jul. 19	58,930	31,98
	Oct. 27	27,747	43,81		Oct. 27	58,877	32,09
	Dec. 66	27,792	43,62		Dec. 66	58,816	32,14
1836	Jan. 1	9 19 30,723	— 7 56 58,99	1846	Jan. 0	9 20 1,784	— 7 59 47,48
	Apr. 10	30,773	58,85		Apr. 10	1,719	47,48
	Jul. 19	30,828	58,77		Jul. 19	1,648	47,41
	Oct. 27	30,889	58,75		Oct. 27	1,572	47,27
	Dec. 66	30,956	58,79		Dec. 66	1,491	47,07
1837	Jan. 0	9 19 33,880	— 7 57 14,09	1847	Jan. 0	9 20 4,465	— 8 0 2,49
	Apr. 10	33,951	14,17		Apr. 10	4,381	2,24
	Jul. 19	34,026	14,32		Jul. 19	4,294	1,94
	Oct. 27	34,105	14,53		Oct. 27	4,204	1,57
	Dec. 66	34,187	14,80		Dec. 66	4,112	1,15
1838	Jan. 0	9 19 37,106	— 7 57 30,02	1848	Jan. 1	9 20 7,090	— 8 0 16,64
	Apr. 10	37,191	30,33		Apr. 10	6,998	16,18
	Jul. 19	37,277	30,69		Jul. 19	6,905	15,67
	Oct. 27	37,364	31,10		Oct. 27	6,813	15,11
	Dec. 66	37,453	31,57		Dec. 66	6,720	14,51
1839	Jan. 0	9 19 40,371	— 7 57 46,73	1849	Jan. 0	9 20 9,698	— 8 0 30,07
	Apr. 10	40,460	47,23		Apr. 10	9,607	29,44
	Jul. 19	40,548	47,76		Jul. 19	9,519	28,79
	Oct. 27	40,635	48,33		Oct. 27	9,435	28,11
	Dec. 66	40,721	48,94		Dec. 66	9,354	27,41

Tabulae X. Sect. V. *α Hydrae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	+1″,052	+24,7	+ 0″,04	−22,6	−2	+2	1830	9 19 13″,8907	− 7 55 34″,546
10	+1,280	+20,7	− 2,19	−21,8	−1	+1	1831	19 16,8380	55 49,848
20	+1,466	+16,2	− 4,31	−20,4	−1	+1	1832	19 19,7853	56 5,153
30	+1,604	+11,3	− 6,27	−18,6	0	+1	1833	19 22,7326	56 20,460
Febr. 9	+1,692	+ 6,4	− 8,02	−16,4	0	0	1834	19 25,6799	56 35,770
							1835	19 28,6271	56 51,082
19	+1,731	+ 1,6	− 9,54	−14,0	+1	0	1836	19 31,5743	57 6,397
Mart. 1	+1,724	− 2,8	−10,82	−11,5	+1	0	1837	19 34,5215	57 21,716
11	+1,675	− 6,7	−11,84	− 8,9	+1	−1	1838	19 37,4687	57 37,036
21	+1,591	− 9,8	−12,60	− 6,5	+2	−1	1839	19 40,4159	57 52,360
31	+1,480	−12,0	−13,13	− 4,1	+2	−1	1840	19 43,3631	58 7,686
							1841	19 46,3103	58 23,015
Apr. 10	+1,351	−13,4	−13,42	− 1,8	+2	−2	1842	19 49,2574	58 38,347
20	+1,212	−14,1	−13,49	+ 0,3	+3	−2	1843	19 52,2045	58 53,681
30	+1,070	−14,0	−13,36	+ 2,3	+3	−2	1844	19 55,1516	59 9,019
Maj. 10	+0,933	−13,2	−13,03	+ 4,2	+3	−2	1845	19 58,0987	59 24,359
20	+0,807	−11,9	−12,52	+ 6,0	+3	−2	1846	20 1,0458	59 39,701
							1847	20 3,9929	59 55,047
30	+0,695	−10,2	−11,84	+ 7,6	+3	−2	1848	20 6,9400	− 8 0 10,395
Jun. 9	+0,603	− 8,2	−11,01	+ 9,0	+2	−3	1849	20 9,8870	0 25,745
19	+0,532	− 6,0	−10,05	+10,1	+2	−3	1850	20 12,8340	0 41,099
29	+0,484	− 3,6	− 8,99	+11,0	+2	−3			
Jul. 9	+0,461	− 1,0	− 7,85	+11,7	+1	−3			
19	+0,464	+ 1,6	− 6,66	+11,9	+1	−3			
29	+0,493	+ 4,2	− 5,48	+11,6	+1	−3			
Aug. 8	+0,548	+ 6,9	− 4,34	+11,0	0	−2			
18	+0,631	+ 9,7	− 3,29	+ 9,7	0	−2			
28	+0,742	+12,6	− 2,40	+ 7,9	−1	−2			
Sept. 7	+0,882	+15,5	− 1,71	+ 5,7	−1	−2			
17	+1,051	+18,4	− 1,27	+ 3,0	−2	−2			
27	+1,249	+21,2	− 1,12	− 0,2	−2	−2			
Oct. 7	+1,475	+24,0	− 1,31	− 3,7	−2	−1			
17	+1,729	+26,6	− 1,85	− 7,2	−3	−1			
27	+2,007	+28,8	− 2,74	−10,7	−3	−1			
Nov. 6	+2,305	+30,5	− 3,98	−14,0	−3	−1			
16	+2,617	+31,5	− 5,54	−17,0	−3	−1			
26	+2,935	+31,7	− 7,37	−19,4	−3	−1			
Dec. 6	+3,251	+31,0	− 9,41	−21,2	−3	−1			
16	+3,555	+29,3	−11,60	−22,3	−3	−1			
26	+3,837	+26,7	−13,87	−22,7	−2	−1			
36	+4,089	+23,3	−16,13	−22,4	−2	−1			

Diei reducto addendum est:

ante } Aug. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Leonis.*

1830	Jan. 0	9 59 18,324	+12 47 36,56	1840	Jan. 1	9 59 51,090	+12 44 49,13
	Apr. 10	18,225	37,17		Apr. 10	51,176	48,49
	Jul. 19	18,130	37,81		Jul. 19	51,257	47,84
	Oct. 27	18,039	38,46		Oct. 27	51,333	47,18
	Dec. 66	17,953	39,14		Dec. 66	51,403	46,51
1831	Jan. 0	9 59 21,186	+12 47 21,58	1841	Jan. 0	9 59 54,583	+12 44 29,38
	Apr. 10	21,103	22,27		Apr. 10	54,450	28,71
	Jul. 19	21,027	22,95		Jul. 19	54,709	28,06
	Oct. 27	20,957	23,63		Oct. 27	54,761	27,41
	Dec. 66	20,894	24,31		Dec. 66	54,805	26,78
1832	Jan. 1	9 59 24,119	+12 47 6,75	1842	Jan. 0	9 59 57,994	+12 44 9,63
	Apr. 10	24,061	7,42		Apr. 10	58,033	9,01
	Jul. 19	24,012	8,07		Jul. 19	58,064	8,42
	Oct. 27	23,971	8,70		Oct. 27	58,086	7,86
	Dec. 66	23,939	9,31		Dec. 66	58,099	7,33
1833	Jan. 0	9 59 27,153	+12 46 51,77	1843	Jan. 0	10 0 1,299	+12 43 50,14
	Apr. 10	27,128	52,35		Apr. 10	1,306	49,64
	Jul. 19	27,111	52,90		Jul. 19	1,304	49,18
	Oct. 27	27,104	53,40		Oct. 27	1,293	48,77
	Dec. 66	27,105	53,87		Dec. 66	1,273	48,40
1834	Jan. 0	9 59 30,307	+12 46 36,38	1844	Jan. 1	10 0 4,484	+12 43 31,15
	Apr. 10	30,315	36,81		Apr. 10	4,457	30,83
	Jul. 19	30,332	37,19		Jul. 19	4,422	30,56
	Oct. 27	30,358	37,52		Oct. 27	4,378	30,35
	Dec. 66	30,393	37,79		Dec. 66	4,326	30,20
1835	Jan. 0	9 59 33,584	+12 46 20,36	1845	Jan. 0	10 0 7,547	+12 43 12,88
	Apr. 10	33,625	20,60		Apr. 10	7,489	12,77
	Jul. 19	33,673	20,77		Jul. 19	7,424	12,73
	Oct. 27	33,728	20,89		Oct. 27	7,352	12,75
	Dec. 66	33,791	20,94		Dec. 66	7,274	12,83
1836	Jan. 1	9 59 36,973	+12 46 3,58	1846	Jan. 0	10 0 10,503	+12 42 55,43
	Apr. 10	37,041	3,59		Apr. 10	10,420	55,55
	Jul. 19	37,114	3,55		Jul. 19	10,333	55,74
	Oct. 27	37,192	3,44		Oct. 27	10,241	55,99
	Dec. 66	37,276	3,28		Dec. 66	10,144	56,31
1837	Jan. 0	9 59 40,451	+12 45 45,99	1847	Jan. 0	10 0 13,380	+12 42 38,82
	Apr. 10	40,538	45,79		Apr. 10	13,282	39,17
	Jul. 19	40,628	45,53		Jul. 19	13,182	39,57
	Oct. 27	40,721	45,21		Oct. 27	13,081	40,02
	Dec. 66	40,816	44,86		Dec. 66	12,978	40,53
1838	Jan. 0	9 59 43,988	+12 45 27,63	1848	Jan. 1	10 0 16,215	+12 42 22,98
	Apr. 10	44,085	27,24		Apr. 10	16,113	23,51
	Jul. 19	44,182	26,80		Jul. 19	16,012	24,08
	Oct. 27	44,279	26,32		Oct. 27	15,914	24,68
	Dec. 66	44,376	25,80		Dec. 66	15,817	25,31
1839	Jan. 0	9 59 47,547	+12 45 8,62	1849	Jan. 0	10 0 19,052	+12 42 7,72
	Apr. 10	47,643	8,07		Apr. 10	18,958	8,36
	Jul. 19	47,737	7,50		Jul. 19	18,869	9,03
	Oct. 27	47,828	6,90		Oct. 27	18,785	9,70
	Dec. 66	47,916	6,27		Dec. 66	18,706	10,40

Tabulae X. Sect. V. *α Leonis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	+0,885	+28,8	— 5,19	—14,9	—3	+1	1830	9 59 18,5754	+12 47 40,365
10	+1,158	+25,4	— 6,58	—12,7	—2	0	1831	59 21,7798	47 23,031
20	+1,392	+21,2	— 7,73	—10,2	—2	0	1832	59 24,9841	47 5,694
30	+1,581	+16,5	— 8,61	— 7,5	—2	—1	1833	59 28,1883	46 48,355
Febr. 9	+1,721	+11,5	— 9,22	— 4,8	—1	—1	1834	59 31,3924	46 31,014
							1835	59 34,5963	46 13,670
19	+1,810	+ 6,5	— 9,57	— 2,3	0	—1	1836	59 37,8002	45 56,324
Mart. 1	+1,851	+ 1,8	— 9,67	+ 0,1	0	—2	1837	59 41,0040	45 38,976
11	+1,846	— 2,5	— 9,56	+ 2,0	+1	—2	1838	59 44,2077	45 21,625
21	+1,801	— 6,1	— 9,28	+ 3,5	+1	—2	1839	59 47,4113	45 4,272
31	+1,724	— 9,0	— 8,87	+ 4,6	+2	—2	1840	59 50,6147	44 46,917
							1841	59 53,8181	44 29,559
Apr. 10	+1,622	—11,1	— 8,36	+ 5,4	+2	—3	1842	59 57,0214	44 12,199
20	+1,503	—12,3	— 7,79	+ 5,8	+2	—3	1843	10 0 0,2246	43 54,837
30	+1,376	—12,8	— 7,21	+ 5,8	+3	—3	1844	0 3,4277	43 37,472
Maj. 10	+1,247	—12,6	— 6,63	+ 5,7	+3	—3	1845	0 6,6305	43 20,105
20	+1,124	—11,9	— 6,07	+ 5,4	+3	—2	1846	0 9,8333	43 2,738
							1847	0 13,0360	42 45,364
30	+1,010	—10,7	— 5,56	+ 4,9	+3	—2	1848	0 16,2386	42 27,990
Jun. 9	+0,911	— 9,1	— 5,10	+ 4,3	+3	—2	1849	0 19,4411	42 10,614
19	+0,829	— 7,2	— 4,70	+ 3,6	+2	—2	1850	0 22,6437	41 53,236
29	+0,767	— 5,2	— 4,38	+ 2,8	+2	—2			
Jul. 9	+0,726	— 3,0	— 4,14	+ 2,0	+2	—1			
19	+0,707	— 0,8	— 3,99	+ 1,0	+1	—1			
29	+0,711	+ 1,7	— 3,95	— 0,2	+1	—1			
Aug. 8	+0,740	+ 4,2	— 4,03	— 1,5	0	—1			
18	+0,795	+ 6,8	— 4,25	— 3,0	0	—1			
28	+0,876	+ 9,6	— 4,62	— 4,6	—1	0			
Sept. 7	+0,986	+12,5	— 5,17	— 6,5	—1	0			
17	+1,126	+15,6	— 5,91	— 8,4	—2	0			
27	+1,297	+18,7	— 6,85	—10,4	—2	0			
Oct. 7	+1,499	+21,8	— 7,99	—12,4	—3	0			
17	+1,733	+24,9	— 9,33	—14,4	—3	0			
27	+1,996	+27,7	—10,86	—16,1	—4	0			
Nov. 6	+2,287	+30,1	—12,55	—17,5	—4	0			
16	+2,598	+31,9	—14,35	—18,3	—4	0			
26	+2,925	+33,0	—16,21	—18,6	—4	0			
Dec. 6	+3,257	+33,1	—18,07	—18,4	—4	—1			
16	+3,587	+32,3	—19,89	—17,6	—4	—1			
26	+3,903	+30,4	—21,58	—16,1	—4	—1			
36	+4,195	+27,6	—23,10	—14,1	—4	—2			

Diei reducto addendum est:

ante / post } Aug. 20 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Leonis.*

1830	Jan. 0	11h 40′ 22″,615	+15° 31′ 19″,25	1840	Jan. 1	11h 40′ 54″,075	+15° 27′ 56″,73
	Apr. 10	22,521	19,88		Apr. 10	54,156	56,14
	Jul. 19	22,431	20,50		Jul. 19	54,232	55,58
	Oct. 27	22,345	21,11		Oct. 27	54,302	55,04
	Dec. 66	22,264	21,71		Dec. 66	54,367	54,52
1831	Jan. 0	11 40 25,357	+15 31 1,43	1841	Jan. 0	11 40 57,411	+15 27 34,60
	Apr. 10	25,280	2,01		Apr. 10	57,472	34,10
	Jul. 19	25,209	2,56		Jul. 19	57,525	33,64
	Oct. 27	25,145	3,08		Oct. 27	57,571	33,22
	Dec. 66	25,088	3,57		Dec. 66	57,610	32,83
1832	Jan. 1	11 40 28,172	+15 30 43,32	1842	Jan. 0	11 41 0,663	+15 27 12,86
	Apr. 10	28,120	43,78		Apr. 10	0,697	12,50
	Jul. 19	28,077	44,20		Jul. 19	0,722	12,19
	Oct. 27	28,042	44,57		Oct. 27	0,738	11,93
	Dec. 66	28,016	44,89		Dec. 66	0,746	11,72
1833	Jan. 0	11 40 31,090	+15 30 24,70	1843	Jan. 0	11 41 3,810	+15 26 51,69
	Apr. 10	31,070	24,99		Apr. 10	3,812	51,51
	Jul. 19	31,058	25,23		Jul. 19	3,805	51,39
	Oct. 27	31,056	25,41		Oct. 27	3,789	51,33
	Dec. 66	31,062	25,54		Dec. 66	3,765	51,32
1834	Jan. 0	11 40 34,125	+15 30 5,41	1844	Jan. 1	11 41 6,840	+15 26 31,22
	Apr. 10	34,138	5,50		Apr. 10	6,810	31,25
	Jul. 19	34,159	5,53		Jul. 19	6,771	31,34
	Oct. 27	34,188	5,50		Oct. 27	6,725	31,48
	Dec. 66	34,226	5,42		Dec. 66	6,670	31,68
1835	Jan. 0	11 40 37,279	+15 29 45,37	1845	Jan. 0	11 41 9,754	+15 26 11,52
	Apr. 10	37,323	45,25		Apr. 10	9,694	11,75
	Jul. 19	37,373	45,08		Jul. 19	9,628	12,04
	Oct. 27	37,431	44,86		Oct. 27	9,555	12,38
	Dec. 66	37,495	44,58		Dec. 66	9,475	12,78
1836	Jan. 1	11 40 40,539	+15 29 24,58	1846	Jan. 0	11 41 12,568	+15 25 52,55
	Apr. 10	40,608	24,27		Apr. 10	12,484	52,97
	Jul. 19	40,682	23,92		Jul. 19	12,397	53,43
	Oct. 27	40,761	23,53		Oct. 27	12,306	53,93
	Dec. 66	40,844	23,09		Dec. 66	12,211	54,47
1837	Jan. 0	11 40 43,881	+15 29 3,15	1847	Jan. 0	11 41 15,308	+15 25 34,21
	Apr. 10	43,967	2,69		Apr. 10	15,211	34,76
	Jul. 19	44,056	2,20		Jul. 19	15,114	35,33
	Oct. 27	44,147	1,68		Oct. 27	15,016	35,93
	Dec. 66	44,241	1,13		Dec. 66	14,917	36,55
1838	Jan. 0	11 40 47.275	+15 28 41,23	1848	Jan. 1	11 41 18,015	+15 25 16,25
	Apr. 10	47,370	40,67		Apr. 10	17,916	16,88
	Jul. 19	47,464	40,09		Jul. 19	17,820	17,50
	Oct. 27	47,558	39,50		Oct. 27	17,726	18,13
	Dec. 66	47,651	38,90		Dec. 66	17,634	18,75
1839	Jan. 0	11 40 50,685	+15 28 19,01	1849	Jan. 0	11 41 20,729	+15 24 58,45
	Apr. 10	50,778	18,41		Apr. 10	20,641	59,08
	Jul. 19	50,868	17,81		Jul. 19	20,557	59,68
	Oct. 27	50,954	17,21		Oct. 27	20,479	25 0,27
	Dec. 66	51,037	16,62		Dec. 66	20,405	0,83

Tabulae X. Sect. V. *β Leonis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	+0,346	+33,2	— 6,75	—18,4	—3	+2	1830	11 40 22,9094	+15 31 19,188
10	+0,671	+31,4	— 8,47	—15,8	—3	+1	1831	40 25,9757	30 59,101
20	+0,973	+28,6	— 9,91	—12,8	—3	+1	1832	40 29,0419	30 39,013
30	+1,243	+25,0	—11,02	— 9,4	—3	0	1833	40 32,1080	30 18,925
Febr. 9	+1,474	+21,0	—11,79	— 6,0	—2	0	1834	40 35,1740	29 58,837
							1835	40 38,2400	29 38,749
19	+1,663	+16,6	—12,22	— 2,6	—2	—1	1836	40 41,3059	29 18,660
Mart. 1	+1,806	+12,0	—12,31	+ 0,6	—1	—1	1837	40 44,3717	28 58,570
11	+1,903	+ 7,6	—12,11	+ 3,3	—1	—1	1838	40 47,4374	28 38,480
21	+1,957	+ 3,5	—11,66	+ 5,6	0	—2	1839	40 50,5030	28 18,390
31	+1,973	— 0,2	—10,99	+ 7,4	0	—2	1840	40 53,5686	27 58,300
							1841	40 56,6341	27 38,209
Apr. 10	+1,954	— 3,3	—10,18	+ 8,6	+1	—2	1842	40 59,6995	27 18,118
20	+1,908	— 5,8	— 9,27	+ 9,4	+1	—2	1843	41 2,7648	26 58,027
30	+1,839	— 7,7	— 8,31	+ 9,6	+2	—2	1844	41 5,8301	26 37,935
Maj. 10	+1,755	— 9,1	— 7,36	+ 9,3	+2	—2	1845	41 8,8953	26 17,843
20	+1,658	—10,0	— 6,45	+ 8,7	+2	—2	1846	41 11,9604	25 57,750
							1847	41 15,0254	25 37,657
30	+1,556	—10,4	— 5,62	+ 7,8	+3	—2	1848	41 18,0904	25 17,564
Jun. 9	+1,451	—10,5	— 4,89	+ 6,7	+3	—2	1849	41 21,1553	24 57,470
19	+1,347	—10,3	— 4,28	+ 5,4	+3	—2	1850	41 24,2201	24 37,376
29	+1,246	— 9,8	— 3,82	+ 3,9	+3	—2			
Jul. 9	+1,152	— 9,0	— 3,50	+ 2,4	+3	—1			
19	+1,067	— 7,9	— 3,35	+ 0,7	+2	—1			
29	+0,994	— 6,6	— 3,37	— 1,2	+2	—1			
Aug. 8	+0,935	— 5,0	— 3,58	— 3,0	+2	0			
18	+0,894	— 3,0	— 3,97	— 5,0	+1	0			
28	+0,875	— 0,7	— 4,57	— 7,0	+1	0			
Sept. 7	+0,881	+ 2,1	— 5,37	— 9,2	0	0			
17	+0,917	+ 5,3	— 6,40	—11,5	0	+1			
27	+0,987	+ 8,8	— 7,64	—13,7	—1	+1			
Oct. 7	+1,093	+12,6	— 9,11	—15,8	—1	+1			
17	+1,239	+16,6	—10,79	—17,8	—2	+2			
27	+1,425	+20,6	—12,67	—19,7	—2	+2			
Nov. 6	+1,651	+24,4	—14,72	—21,1	—3	+2			
16	+1,913	+27,9	—16,89	—22,1	—3	+2			
26	+2,208	+30,7	—19,13	—22,5	—4	+2			
Dec. 6	+2,526	+32,7	—21,38	—22,3	—4	+2			
16	+2,861	+33,8	+23,58	—21,4	—4	+2			
26	+3,201	+33,7	+25,65	—19,7	—4	+2			
36	+3,535	+32,7	+27,52	—17,5	—4	+1			

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Virginis.*

		α	δ			α	δ
1830	Jan. 0	11 41 50,209	+ 2 43 20,02	1840	Jan. 1	11 42 21,984	+ 2 39 55,34
	Apr. 10	50,114	20,66		Apr. 10	22,068	54,76
	Jul. 19	50,021	21,28		Jul. 19	22,150	54,20
	Oct. 27	49,932	21,89		Oct. 27	22,226	53,66
	Dec. 66	49,845	22,48		Dec. 66	22,298	53,14
1831	Jan. 0	11 41 52,998	+ 2 43 1,99	1841	Jan. 0	11 42 25,399	+ 2 39 33,02
	Apr. 10	52,915	2,57		Apr. 10	25,467	32,52
	Jul. 19	52,838	3,12		Jul. 19	25,529	32,06
	Oct. 27	52,767	3,64		Oct. 27	25,585	31,64
	Dec. 66	52,701	4,12		Dec. 66	25,634	31,25
1832	Jan. 1	11 41 55,846	+ 2 42 43,67	1842	Jan. 0	11 42 28,742	+ 2 39 11,08
	Apr. 10	55,785	44,13		Apr. 10	28,786	10,73
	Jul. 19	55,732	44,54		Jul. 19	28,822	10,42
	Oct. 27	55,687	44,90		Oct. 27	28,850	10,17
	Dec. 66	55,649	45,23		Dec. 66	28,871	9,96
1833	Jan. 0	11 41 58,785	+ 2 42 24,83	1843	Jan. 0	11 42 31,989	+ 2 38 49,72
	Apr. 10	58,753	25,12		Apr. 10	32,003	49,55
	Jul. 19	58,730	25,35		Jul. 19	32,009	49,44
	Oct. 27	58,715	25,52		Oct. 27	32,006	49,38
	Dec. 66	58,709	25,64		Dec. 66	31,995	49,37
1834	Jan. 0	11 42 1,835	+ 2 42 5,32	1844	Jan. 1	11 42 35,124	+ 2 38 29,07
	Apr. 10	1,835	5,40		Apr. 10	35,106	29,11
	Jul. 19	1,843	5,42		Jul. 19	35,080	29,20
	Oct. 27	1,860	5,39		Oct. 27	35,046	29,35
	Dec. 66	1,886	5,31		Dec. 66	35,003	29,55
1835	Jan. 0	11 42 5,000	+ 2 41 45,05	1845	Jan. 0	11 42 38,143	+ 2 38 9,18
	Apr. 10	5,032	44,93		Apr. 10	38,095	9,42
	Jul. 19	5,071	44,75		Jul. 19	38,039	9,72
	Oct. 27	5,117	44,52		Oct. 27	37,976	10,06
	Dec. 66	5,170	44,24		Dec. 66	37,906	10,45
1836	Jan. 1	11 42 8,276	+ 2 41 24,04	1846	Jan. 0	11 42 41,055	+ 2 37 50,02
	Apr. 10	8,334	23,73		Apr. 10	40,981	50,45
	Jul. 19	8,398	23,37		Jul. 19	40,902	50,91
	Oct. 27	8,468	22,97		Oct. 27	40,818	51,41
	Dec. 66	8,543	22,53		Dec. 66	40,730	51,95
1837	Jan. 0	11 42 11,642	+ 2 41 2,39	1847	Jan. 0	11 42 43,884	+ 2 37 31,47
	Apr. 10	11,721	1,92		Apr. 10	43,793	32,03
	Jul. 19	11,803	1,43		Jul. 19	43,700	32,61
	Oct. 27	11,888	0,91		Oct. 27	43,605	33,22
	Dec. 66	11,977	0,36		Dec. 66	43,507	33,84
1838	Jan. 0	11 42 15,071	+ 2 40 40,25	1848	Jan. 1	11 42 46,664	+ 2 37 13,33
	Apr. 10	15,161	39,69		Apr. 10	46,567	13,96
	Jul. 19	15,252	39,11		Jul. 19	46,471	14,59
	Oct. 27	15,344	38,52		Oct. 27	46,376	15,22
	Dec. 66	15,437	37,92		Dec. 66	46,282	15,84
1839	Jan. 0	11 42 18,530	+ 2 40 17,83	1849	Jan. 0	11 42 49,437	+ 2 36 55,34
	Apr. 10	18,622	17,22		Apr. 10	49,345	55,96
	Jul. 19	18,713	16,62		Jul. 19	49,257	56,56
	Oct. 27	18,802	16,03		Oct. 27	49,173	57,14
	Dec. 66	18,889	15,44		Dec. 66	49,094	57,70

Tabulae X. Sect. V. *β Virginis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	+0,334	+32,5	− 2,47	−20,9	−3	+2	1830	11 41 50,3649	+ 2 43 19,904
10	+0,652	+30,7	− 4,51	−19,6	−3	+2	1831	41 53,4893	42 59,612
20	+0,947	+27,9	− 6,38	−17,7	−3	+2	1832	41 56,6137	42 39,319
30	+1,210	+24,5	− 8,05	−15,4	−2	+1	1833	41 59,7381	42 19,026
Febr. 9	+1,437	+20,6	− 9,46	−12,7	−2	+1	1834	42 2,8625	41 58,733
							1835	42 5,9867	41 38,438
19	+1,621	+16,3	−10,59	−10,0	−1	+1	1836	42 9,1110	41 18,144
Mart. 1	+1,762	+12,0	−11,45	− 7,2	−1	0	1837	42 12,2353	40 57,850
11	+1,860	+ 7,8	−12,03	− 4,5	0	0	1838	42 15,3596	40 37,555
21	+1,917	+ 3,9	−12,35	− 2,1	0	−1	1839	42 18,4839	40 17,260
31	+1,938	+ 0,5	−12,45	+ 0,1	+1	−1	1840	42 21,6084	39 56,964
							1841	42 24,7327	39 36,668
Apr. 10	+1,927	− 2,5	−12,34	+ 1,9	+1	−1	1842	42 27,8570	39 16,372
20	+1,889	− 4,8	−12,08	+ 3,3	+2	−1	1843	42 30,9813	38 56,076
30	+1,831	− 6,6	−11,69	+ 4,4	+2	−2	1844	42 34,1056	38 35,779
Maj. 10	+1,758	− 7,9	−11,20	+ 5,2	+2	−2	1845	42 37,2299	38 15,481
20	+1,673	− 8,8	−10,65	+ 5,7	+3	−2	1846	42 40,3542	37 55,183
							1847	42 43,4785	37 34,885
30	+1,582	− 9,3	−10,06	+ 6,0	+3	−2	1848	42 46,6028	37 14,587
Jun. 9	+1,488	− 9,5	− 9,45	+ 6,1	+3	−2	1849	42 49,7271	36 54,289
19	+1,393	− 9,3	− 8,84	+ 6,0	+3	−2	1850	42 52,8512	36 33,991
29	+1,302	− 8,9	− 8,25	+ 5,7	+3	−2			
Jul. 9	+1,215	− 8,4	− 7,70	+ 5,3	+3	−2			
19	+1,135	− 7,5	− 7,19	+ 4,8	+3	−2			
29	+1,066	− 6,3	− 6,75	+ 3,9	+2	−1			
Aug. 8	+1,010	− 4,8	− 6,41	+ 2,9	+2	−1			
18	+0,971	− 2,9	− 6,17	+ 1,7	+2	−1			
28	+0,953	− 0,6	− 6,08	+ 0,1	+1	−1			
Sept. 7	+0,960	+ 2,2	− 6,15	− 1,8	+1	−1			
17	+0,996	+ 5,3	− 6,43	− 3,9	0	0			
27	+1,065	+ 8,8	− 6,92	− 6,2	0	0			
Oct. 7	+1,171	+12,5	− 7,66	− 8,7	−1	0			
17	+1,315	+16,5	− 8,65	−11,2	−1	+1			
27	+1,500	+20,5	− 9,90	−13,8	−2	+1			
Nov. 6	+1,724	+24,2	−11,41	−16,2	−2	+1			
16	+1,984	+27,6	−13,14	−18,3	−3	+2			
26	+2,275	+30,3	−15,07	−20,0	−3	+2			
Dec. 6	+2,590	+32,2	−17,14	−21,1	−3	+2			
16	+2,919	+33,1	−19,28	−21,6	−3	+2			
26	+3,252	+33,0	−21,45	−21,4	−3	+2			
36	+3,579	+32,0	−23,55	−20,5	−3	+2			

Diei reducto addendum est:

ante / post } Sept. 17 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Virginis.*

1830	Jan. 0	13h 16′ 14″,821	−10° 16′ 14″,16	1840	Jan. 1	13h 16′ 46″,582	−10° 19′ 32″,82
	Apr. 10	14,721	13,62		Apr. 10	46,674	33,24
	Jul. 19	14,623	13,12		Jul. 19	46,762	33,62
	Oct. 27	14,527	12,66		Oct. 27	46,845	33,95
	Dec. 66	14,434	12,24		Dec. 66	46,927	34,24
1831	Jan. 0	13 16 17,615	−10 16 31,39	1841	Jan. 0	13 16 50,048	−10 19 53,15
	Apr. 10	17,522	31,01		Apr. 10	50,126	53,40
	Jul. 19	17,434	30,68		Jul. 19	50,198	53,59
	Oct. 27	17,353	30,41		Oct. 27	50,264	53,73
	Dec. 66	17,277	30,19		Dec. 66	50,325	53,82
1832	Jan. 1	13 16 20,448	−10 16 49,26	1842	Jan. 0	13 16 53,453	−10 20 12,79
	Apr. 10	20,376	49,08		Apr. 10	53,509	12,84
	Jul. 19	20,312	48,96		Jul. 19	53,557	12,83
	Oct. 27	20,255	48,90		Oct. 27	53,597	12,76
	Dec. 66	20,205	48,91		Dec. 66	53,629	12,64
1833	Jan. 0	13 16 23,368	−10 17 7,91	1843	Jan. 0	13 16 56,767	−10 20 31,68
	Apr. 10	23,324	7,95		Apr. 10	56,794	31,52
	Jul. 19	23,288	8,05		Jul. 19	56,812	31,30
	Oct. 27	23,261	8,21		Oct. 27	56,821	31,02
	Dec. 66	23,243	8,43		Dec. 66	56,821	30,69
1834	Jan. 0	13 16 26,394	−10 17 27,36	1844	Jan. 1	13 16 59,970	−10 20 49,80
	Apr. 10	26,382	27,62		Apr. 10	59,964	49,44
	Jul. 19	26,379	27,92		Jul. 19	59,949	49,03
	Oct. 27	26,385	28,28		Oct. 27	59,925	48,57
	Dec. 66	26,399	28,68		Dec. 66	59,892	48,07
1835	Jan. 0	13 16 29,540	−10 17 47,55	1845	Jan. 0	13 17 3,052	−10 21 7,23
	Apr. 10	29,560	47,98		Apr. 10	3,014	6,70
	Jul. 19	29,589	48,45		Jul. 19	2,967	6,15
	Oct. 27	29,626	48,96		Oct. 27	2,913	5,57
	Dec. 66	29,671	49,50		Dec. 66	2,850	4,96
1836	Jan. 1	13 16 32,802	−10 18 8,32	1846	Jan. 0	13 17 6,020	−10 21 24,15
	Apr. 10	32,852	8,88		Apr. 10	5,952	23,53
	Jul. 19	32,909	9,46		Jul. 19	5,878	22,89
	Oct. 27	32,972	10,06		Oct. 27	5,798	22,24
	Dec. 66	33,042	10,68		Dec. 66	5,713	21,58
1837	Jan. 0	13 16 36,165	−10 18 29,47	1847	Jan. 0	13 17 8,891	−10 21 40,78
	Apr. 10	36,239	30,09		Apr. 10	8,802	40,12
	Jul. 19	36,317	30,72		Jul. 19	8,710	39,48
	Oct. 27	36,400	31,35		Oct. 27	8,615	38,84
	Dec. 66	36,487	31,98		Dec. 66	8,517	38,22
1838	Jan. 0	13 16 39,605	−10 18 50,77	1848	Jan. 1	13 17 11,698	−10 21 57,41
	Apr. 10	39,694	51,39		Apr. 10	11,599	56,80
	Jul. 19	39,785	51,99		Jul. 19	11,500	56,23
	Oct. 27	39,878	52,58		Oct. 27	11,401	55,68
	Dec. 66	39,973	53,15		Dec. 66	11,302	55,17
1839	Jan. 0	13 16 43,089	−10 19 11,96	1849	Jan. 0	13 17 14,483	−10 22 14,32
	Apr. 10	43,185	12,51		Apr. 10	14,385	13,83
	Jul. 19	43,279	13,03		Jul. 19	14,290	13,40
	Oct. 27	43,373	13,52		Oct. 27	14,198	13,01
	Dec. 66	43,465	13,97		Dec. 66	14,110	12,67

Tabulae X. Sect. V. *α Virginis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jan. 0	−0,211	+33,4	+ 2,24	−20,1	−3	+2	1830	13 16 14,8488	−10 16 17,884
10	+0,124	+33,2	+ 0,21	−20,4	−3	+2	1831	16 17,9953	16 36,895
20	+0,452	+32,0	− 1,83	−20,1	−3	+2	1832	16 21,1419	16 55,905
30	+0,763	+29,9	− 3,81	−19,2	−3	+2	1833	16 24,2886	17 14,913
Febr. 9	+1,050	+27,2	− 5,67	−17,8	−2	+2	1834	16 27,4354	17 33,919
							1835	16 30,5824	17 52,923
19	+1,307	+24,1	− 7,36	−16,0	−2	+2	1836	16 33,7295	18 11,926
Mart. 1	+1,531	+20,6	− 8,86	−13,9	−2	+2	1837	16 36,8767	18 30,928
11	+1,718	+17,0	−10,13	−11,6	−1	+2	1838	16 40,0240	18 49,928
21	+1,870	+13,4	−11,18	− 9,4	0	+2	1839	16 43,1714	19 8,927
31	+1,986	+10,0	−12,00	− 7,1	0	+1	1840	16 46,3189	19 27,925
							1841	16 49,4665	19 46,921
Apr. 10	+2,070	+ 6,9	−12,59	− 5,0	+1	+1	1842	16 52,6142	20 5,915
20	+2,124	+ 4,1	−12,99	− 3,1	+1	+1	1843	16 55,7621	20 24,908
30	+2,151	+ 1,5	−13,21	− 1,5	+2	+1	1844	16 58,9101	20 43,899
Maj. 10	+2,153	− 0,9	−13,28	+ 0,1	+2	0	1845	17 2,0582	21 2,888
20	+2,133	− 3,0	−13,20	+ 1,4	+3	0	1846	17 5,2064	21 21,876
							1847	17 8,3547	21 40,863
30	+2,094	− 4,8	−13,00	+ 2,5	+3	0	1848	17 11,5031	21 59,848
Jun. 9	+2,037	− 6,5	−12,70	+ 3,5	+3	0	1849	17 14,6516	22 18,831
19	+1,964	− 8,0	−12,31	+ 4,3	+3	−1	1850	17 17,8003	22 37,813
29	+1,878	− 9,2	−11,85	+ 5,0	+4	−1			
Jul. 9	+1,780	−10,2	−11,32	+ 5,6	+4	−1			
19	+1,675	−10,8	−10,74	+ 6,0	+4	−1			
29	+1,564	−11,2	−10,13	+ 6,2	+3	−1			
Aug. 8	+1,452	−10,9	− 9,50	+ 6,3	+3	−1			
18	+1,346	−10,2	− 8,88	+ 6,0	+3	−1			
28	+1,249	− 8,8	− 8,30	+ 5,5	+3	−1			
Sept. 7	+1,170	− 6,8	− 7,78	+ 4,7	+2	−1			
17	+1,114	− 4,1	− 7,37	+ 3,4	+2	−1			
27	+1,089	− 0,7	− 7,11	+ 1,7	+1	0			
Oct. 7	+1,101	+ 3,3	− 7,03	− 0,3	+1	0			
17	+1,154	+ 7,7	− 7,17	− 2,7	0	0			
27	+1,254	+12,3	− 7,57	− 5,4	0	+1			
Nov. 6	+1,400	+16,9	− 8,24	− 8,1	−1	+1			
16	+1,592	+21,4	− 9,19	−11,0	−1	+2			
26	+1,828	+25,5	−10,43	−13,7	−1	+2			
Dec. 6	+2,102	+28,9	−11,92	−16,0	−2	+3			
16	+2,405	+31,4	−13,63	−18,0	−2	+3			
26	+2,729	+32,9	−15,52	−19,4	−2	+3			
36	+3,063	+33,4	−17,51	−20,3	−2	+4			

Diei reducto addendum est:

ante / post } Oct. 13 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Bootis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	14 7 54,270	+ 20 4 20,91	1840	Jan. 1	14 8 22,389	+20 0 59,31
	Apr. 10	54,186	21,36		Apr. 10	22,462	59,01
	Jul. 19	54,105	21,76		Jul. 19	22,529	58,76
	Oct. 27	54,029	22,10		Oct. 27	22,591	58,56
	Dec. 66	53,956	22,39		Dec. 66	22,647	58,42
1831	Jan. 0	14 7 56,712	+ 20 4 3,31	1841	Jan. 0	14 8 25,362	+20 0 39,50
	Apr. 10	56,643	3,56		Apr. 10	25,414	39,40
	Jul. 19	56,581	3,74		Jul. 19	25,460	39,37
	Oct. 27	56,525	3,86		Oct. 27	25,499	39,39
	Dec. 66	56,476	3,91		Dec. 66	25,532	39,48
1832	Jan. 1	14 7 59,224	+ 20 3 44,92	1842	Jan. 0	14 8 28,255	+20 0 20,48
	Apr. 10	59,180	44,93		Apr. 10	28,282	20,61
	Jul. 19	59,143	44,87		Jul. 19	28,302	20,79
	Oct. 27	59,115	44,75		Oct. 27	28,314	21,04
	Dec. 66	59,094	44,57		Dec. 66	28,318	21,34
1833	Jan. 0	14 8 1,832	+ 20 3 25,66	1843	Jan. 0	14 8 31,050	+20 0 2,27
	Apr. 10	1,817	25,44		Apr. 10	31,049	2,61
	Jul. 19	1,810	25,16		Jul. 19	31,040	3,00
	Oct. 27	1,811	24,82		Oct. 27	31,023	3,44
	Dec. 66	1,820	24,43		Dec. 66	30,997	3,93
1834	Jan. 0	14 8 4,548	+ 20 3 5,58	1844	Jan. 1	14 8 33,739	+19 59 44,80
	Apr. 10	4,563	5,16		Apr. 10	33,708	45,32
	Jul. 19	4,585	4,69		Jul. 19	33,670	45,88
	Oct. 27	4,615	4,18		Oct. 27	33,625	46,47
	Dec. 66	4,653	3,63		Dec. 66	33,572	47,10
1835	Jan. 0	14 8 7,372	+ 20 2 44,84	1845	Jan. 0	14 8 36,323	+19 59 27,93
	Apr. 10	7,415	44,26		Apr. 10	36,266	28,57
	Jul. 19	7,464	43,66		Jul. 19	36,203	29,23
	Oct. 27	7,519	43,03		Oct. 27	36,134	29,91
	Dec. 66	7,580	42,38		Dec. 66	36,060	30,60
1836	Jan. 1	14 8 10,291	+ 20 2 23,63	1846	Jan. 0	14 8 38,818	+19 59 11,42
	Apr. 10	10,357	22,97		Apr. 10	38,740	12,11
	Jul. 19	10,426	22,30		Jul. 19	38,659	12,80
	Oct. 27	10,500	21,63		Oct. 27	38,575	13,48
	Dec. 66	10,577	20,96		Dec. 66	38,487	14,16
1837	Jan. 0	14 8 13,283	+ 20 2 2,21	1847	Jan. 0	14 8 41,250	+19 58 54,99
	Apr. 10	13,362	1,54		Apr. 10	41,161	55,65
	Jul. 19	13,445	0,89		Jul. 19	41,071	56,29
	Oct. 27	13,529	0,25		Oct. 27	40,981	56,89
	Dec. 66	13,615	1 59,62		Dec. 66	40,891	57,47
1838	Jan. 0	14 8 16,319	+ 20 1 40,86	1848	Jan. 1	14 8 43,654	+19 58 38,33
	Apr. 10	16,405	40,25		Apr. 10	43,565	38,89
	Jul. 19	16,491	39,68		Jul. 19	43,477	39,39
	Oct. 27	16,576	39,13		Oct. 27	43,392	39,85
	Dec. 66	16,661	38,62		Dec. 66	43,310	40,27
1839	Jan. 0	14 8 19,366	+ 20 1 19,82	1849	Jan. 0	14 8 46,070	+19 58 21,18
	Apr. 10	19,450	19,34		Apr. 10	45,991	21,56
	Jul. 19	19,530	18,90		Jul. 19	45,916	21,88
	Oct. 27	19,608	18,51		Oct. 27	45,847	22,13
	Dec. 66	19,682	18,17		Dec. 66	45,782	22,33

Tabulae X. Sect. V. *α Bootis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−0,550	+31,9	− 7,50	−24,4	−3	+2	1830	14 7 54,5729	+20 4 15,445
10	−0,224	+32,9	− 9,82	−21,7	−3	+2	1831	7 57,3053	3 56,458
20	+0,107	+32,9	−11,84	−18,4	−3	+2	1832	8 0,0377	3 37,474
30	+0,433	+32,0	−13,50	−14,6	−3	+2	1833	8 2,7701	3 18,491
Febr. 9	+0,746	+30,2	−14,75	−10,3	−3	+1	1834	8 5,5025	2 59,511
							1835	8 8,2350	2 40,533
19	+1,037	+27,7	−15,55	− 5,8	−3	+1	1836	8 10,9675	2 21,557
März 1	+1,299	+24,7	−15,91	− 1,4	−2	+1	1837	8 13,7000	2 2,583
11	+1,531	+21,5	−15,83	+ 2,8	−2	0	1838	8 16,4325	1 43,612
21	+1,728	+18,0	−15,36	+ 6,6	−2	0	1839	8 19,1650	1 24,642
31	+1,890	+14,4	−14,52	+ 9,8	−1	0	1840	8 21,8974	1 5,675
							1841	8 24,6299	0 46,710
Apr. 10	+2,016	+11,0	−13,40	+12,4	−1	−1	1842	8 27,3624	0 27,747
20	+2,109	+ 7,7	−12,05	+14,3	0	−1	1843	8 30,0949	0 8,787
30	+2,170	+ 4,6	−10,55	+15,5	0	−1	1844	8 32,8275	19 59 49,828
Mai. 10	+2,201	+ 1,7	− 8,96	+15,9	+1	−1	1845	8 35,5601	59 30,872
20	+2,204	− 1,1	− 7,37	+15,7	+1	−1	1846	8 38,2927	59 11,918
							1847	8 41,0253	58 52,966
30	+2,180	− 3,6	− 5,82	+15,0	+1	−1	1848	8 43,7579	58 34,016
Jun. 9	+2,133	− 5,9	− 4,38	+13,7	+2	−1	1849	8 46,4905	58 15,068
19	+2,063	− 8,1	− 3,08	+12,0	+2	−1	1850	8 49,2232	57 56,122
29	+1,972	−10,0	− 1,98	+10,0	+2	−1			
Jul. 9	+1,864	−11,5	− 1,09	+ 7,7	+3	−1			
19	+1,742	−12,9	− 0,44	+ 4,7	+3	0			
29	+1,607	−13,8	− 0,05	+ 2,0	+3	0			
Aug. 8	+1,466	−14,3	+ 0,06	− 0,3	+3	0			
18	+1,322	−14,2	− 0,10	− 3,0	+3	0			
28	+1,183	−13,4	− 0,54	− 5,9	+3	+1			
Sept. 7	+1,054	−12,0	− 1,28	− 8,9	+2	+1			
17	+0,943	− 9,9	− 2,31	−11,8	+2	+2			
27	+0,857	− 7,0	− 3,63	−14,6	+2	+2			
Oct. 7	+0,804	− 3,4	− 5,23	−17,4	+1	+2			
17	+0,790	+ 0,9	− 7,11	−20,1	+1	+3			
27	+0,821	+ 5,5	− 9,24	−22,5	0	+3			
Nov. 6	+0,900	+10,4	−11,60	−24,5	0	+4			
16	+1,028	+15,3	−14,13	−26,0	−1	+4			
26	+1,206	+20,1	−16,80	−27,1	−1	+4			
Dec. 6	+1,429	+24,3	−19,54	−27,4	−2	+4			
16	+1,692	+22,9	−22,27	−26,9	−2	+5			
26	+1,987	+30,6	−24,91	−25,5	−2	+5			
36	+2,304	+32,4	−27,37	−23,5	−3	+4			

Diei reducto addendum est:

ante / post } Oct. 27 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 1*a* *Librae.*

		^{h} ^{m} ^{s}	$^\circ$ $'$ $''$
1830	Jan. 0	14 41 17,858	—15 17 0,71
	Apr. 10	17,752	0,32
	Jul. 19	17,649	0,00
	Oct. 27	17,548	16 59,74
	Dec. 66	17,449	59,55
1831	Jan 0	14 41 20,783	—15 17 14,98
	Apr. 10	20,686	14,83
	Jul. 19	20,595	14,75
	Oct. 27	20,509	14,74
	Dec. 66	20,428	14,79
1832	Jan. 1	14 41 23,756	—15 17 30,14
	Apr. 10	23,679	30,24
	Jul. 19	23,610	30,40
	Oct. 27	23,549	30,63
	Dec. 66	23,495	30,93
1833	Jan. 0	14 41 26,813	—15 17 46,19
	Apr. 10	26,766	46,52
	Jul. 19	26,727	46,91
	Oct. 27	26,697	47,35
	Dec. 66	26,676	47,84
1834	Jan. 0	14 41 29,984	—15 18 3,04
	Apr. 10	29,969	3,56
	Jul. 19	29,964	4,12
	Oct. 27	29,968	4,72
	Dec. 66	29,982	5,36
1835	Jan. 0	14 41 33,278	—15 18 20,50
	Apr. 10	33,298	21,15
	Jul. 19	33,327	21,82
	Oct. 27	33,364	22,51
	Dec. 66	33,410	23,21
1836	Jan. 1	14 41 36,695	—15 18 38,33
	Apr. 10	36,747	39,04
	Jul. 19	36,805	39,74
	Oct. 27	36,871	40,43
	Dec. 66	36,943	41,12
1837	Jan. 0	14 41 40,220	—15 18 56,25
	Apr. 10	40,296	56,93
	Jul. 19	40,377	57,59
	Oct. 27	40,463	58,22
	Dec. 66	40,555	58,82
1838	Jan. 0	14 41 43,826	—15 19 13,97
	Apr. 10	43,919	14,56
	Jul. 19	44,014	15,10
	Oct. 27	44,111	15,60
	Dec. 66	44,211	16,06
1839	Jan. 0	14 41 47,480	—15 19 31,25
	Apr. 10	47,580	31,68
	Jul. 19	47,680	32,05
	Oct. 27	47,779	32,37
	Dec. 66	47,877	32,63
1840	Jan. 1	14 41 51,147	—15 19 47,89
	Apr. 10	51,244	48,11
	Jul. 19	51,337	48,27
	Oct. 27	51,426	48,37
	Dec. 66	51,512	48,41
1841	Jan. 0	14 41 54,787	—15 20 3,74
	Apr. 10	54,869	3,74
	Jul. 19	54,946	3,67
	Oct. 27	55,017	3,54
	Dec. 66	55,082	3,34
1842	Jan. 0	14 41 58,363	—15 20 18,75
	Apr. 10	58,423	18,51
	Jul. 19	58,475	18,22
	Oct. 27	58,519	17,86
	Dec. 66	58,554	17,45
1843	Jan. 0	14 42 1,846	—15 20 32,98
	Apr. 10	1,876	32,48
	Jul. 19	1,896	31,99
	Oct. 27	1,907	31,45
	Dec. 66	1,908	30,87
1844	Jan. 1	14 42 5,212	—15 20 46,40
	Apr. 10	5,207	45,79
	Jul. 19	5,193	45,16
	Oct. 27	5,169	44,49
	Dec. 66	5,136	43,80
1845	Jan. 0	14 42 8,451	—15 20 59,36
	Apr. 10	8,412	58,65
	Jul. 19	8,364	57,94
	Oct. 27	8,308	57,22
	Dec. 66	8,243	56,50
1846	Jan. 0	14 42 11,569	—15 21 12,07
	Apr. 10	11,499	11,35
	Jul. 19	11,423	10,64
	Oct. 27	11,340	9,96
	Dec. 66	11,251	9,29
1847	Jan. 0	14 42 14,585	—15 21 24,83
	Apr. 10	14,492	24,18
	Jul. 19	14,396	23,57
	Oct. 27	14,297	23,00
	Dec. 66	14,194	22,46
1848	Jan. 1	14 42 17,532	—15 21 37,95
	Apr. 10	17,428	37,45
	Jul. 19	17,324	37,00
	Oct. 27	17,220	36,61
	Dec. 66	17,115	36,27
1849	Jan. 0	14 42 20,453	—15 21 51,69
	Apr. 10	20,350	51,40
	Jul. 19	20,250	51,17
	Oct. 27	20,153	51,01
	Dec. 66	20,060	50,92

Tabulae X. Sect. V. 1*a* *Librae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″	″	″		h ′ ″	° ′ ″
Jan. 0	−0,693	+31,6	+ 3,45	−15,2	−3	+1	1830	14 41 17,8702	−15 17 7,161
10	−0,368	+32,9	+ 1,87	−16,2	−3	+1	1831	41 21,1711	17 22,533
20	−0,036	+33,2	+ 0,22	−16,6	−3	+2	1832	41 24,4722	17 37,902
30	+0,296	+32,7	− 1,45	−16,5	−3	+2	1833	41 27,7734	17 53,268
Febr. 9	+0,618	+31,4	− 3,08	−15,8	−3	+2	1834	41 31,0748	18 8,630
							1835	41 34,3763	18 23,990
19	+0,923	+29,4	− 4,61	−14,7	−3	+2	1836	41 37,6780	18 39,346
Mart. 1	+1,206	+27,1	− 6,02	−13,3	−2	+2	1837	41 40,9798	18 54,700
11	+1,464	+24,4	− 7,26	−11,6	−2	+3	1838	41 44,2818	19 10,050
21	+1,694	+21,6	− 8,33	− 9,8	−1	+3	1839	41 47,5840	19 25,397
31	+1,895	+18,7	− 9,21	− 8,0	−1	+3	1840	41 50,8863	19 40,741
							1841	41 54,1888	19 56,082
Apr. 10	+2,067	+15,8	− 9,92	− 6,2	0	+2	1842	41 57,4914	20 11,419
20	+2,210	+12,9	−10,45	− 4,6	0	+2	1843	42 0,7942	20 26,754
30	+2,325	+10,1	−10,83	− 3,1	+1	+2	1844	42 4,0971	20 42,086
Maj. 10	+2,411	+ 7,3	−11,07	− 1,8	+1	+2	1845	42 7,4002	20 57,414
20	+2,470	+ 4,6	−11,19	− 0,7	+2	+2	1846	42 10,7034	21 12,740
							1847	42 14,0068	21 28,062
30	+2,502	+ 1,8	−11,21	+ 0,3	+2	+2	1848	42 17,3104	21 43,381
Jun. 9	+2,506	− 0,9	−11,13	+ 1,2	+3	+2	1849	42 20,6141	21 58,697
19	+2,484	− 3,6	−10,98	+ 1,9	+3	+1	1850	42 25,9180	22 14,010
29	+2,435	− 6,1	−10,76	+ 2,6	+4	+1			
Jul. 9	+2,362	− 8,5	−10,47	+ 3,2	+4	+1			
19	+2,266	−10,5	−10,12	+ 3,8	+4	+1			
29	+2,152	−12,2	− 9,71	+ 4,4	+4	+1			
Aug. 8	+2,022	−13,5	− 9,25	+ 4,8	+4	0			
18	+1,883	−14,0	− 8,76	+ 5,1	+4	0			
28	+1,743	−13,8	− 8,24	+ 5,2	+4	0			
Sept. 7	+1,607	−12,9	− 7,72	+ 5,0	+3	0			
17	+1,485	−11,1	− 7,24	+ 4,6	+3	0			
27	+1,386	− 8,3	− 6,81	+ 3,8	+3	0			
Oct. 7	+1,319	− 4,8	− 6,49	+ 2,6	+2	0			
17	+1,290	− 0,7	− 6,29	+ 1,1	+2	+1			
27	+1,306	+ 4,1	− 6,28	− 0,9	+1	+1			
Nov. 6	+1,371	+ 9,1	− 6,47	− 3,1	+1	+1			
16	+1,488	+14,2	− 6,89	− 5,5	0	+2			
26	+1,655	+19,1	− 7,56	− 7,9	0	+2			
Dec. 6	+1,869	+23,6	− 8,47	−10,3	−1	+3			
16	+2,126	+27,4	− 9,62	−12,5	−1	+3			
26	+2,416	+30,2	−10,96	−14,3	−1	+4			
36	+2,729	+32,2	−12,47	−15,6	−2	+4			

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 2a *Librae.*

		h ′ ″	° ′ ″
1830	Jan. 0	14 41 29,237	—15 19 42,18
	Apr. 10	29,132	41,80
	Jul. 19	29,029	41,48
	Oct. 27	28,928	41,22
	Dec. 66	28,829	41,03
1831	Jan. 0	14 41 32,165	—15 19 56,43
	Apr. 10	32,069	56,28
	Jul. 19	31,977	56,20
	Oct. 27	31,890	56,19
	Dec. 66	31,809	56,24
1832	Jan. 1	14 41 35,139	—15 20 11,55
	Apr. 10	35,062	11,65
	Jul. 19	34,993	11,82
	Oct. 27	34,932	12,05
	Dec. 66	34,878	12,34
1833	Jan. 0	14 41 38,199	—15 20 27,57
	Apr. 10	38,151	27,90
	Jul. 19	38,112	28,29
	Oct. 27	38,082	28,73
	Dec. 66	38,061	29,23
1834	Jan. 0	14 41 41,370	—15 20 44,39
	Apr. 10	41,356	44,92
	Jul. 19	41,351	45,48
	Oct. 27	41,355	46,08
	Dec. 66	41,369	46,72
1835	Jan. 0	14 41 44,667	—15 21 1,83
	Apr. 10	44,687	2,48
	Jul. 19	44,715	3,15
	Oct. 27	44,753	3,84
	Dec. 66	44,799	4,54
1836	Jan. 1	14 41 48,086	—15 21 19,63
	Apr. 10	48,137	20,34
	Jul. 19	48,195	21,04
	Oct. 27	48,260	21,73
	Dec. 66	48,333	22,42
1837	Jan. 0	14 41 51,612	—15 21 37,52
	Apr. 10	51,689	38,20
	Jul. 19	51,770	38,85
	Oct. 27	51,856	39,48
	Dec. 66	51,947	40,09
1838	Jan. 0	14 41 55,220	—15 21 55,21
	Apr. 10	55,314	55,79
	Jul. 19	55,409	56,33
	Oct. 27	55,507	56,83
	Dec. 66	55,606	57,29
1839	Jan. 0	14 41 58,877	—15 22 12,46
	Apr. 10	58,977	12,89
	Jul. 19	59,077	13,26
	Oct. 27	59,176	13,57
	Dec. 66	59,274	13,83
1840	Jan. 1	14 42 2,545	—15 22 29,07
	Apr. 10	2,642	29,29
	Jul. 19	2,735	29,45
	Oct. 27	2,825	29,55
	Dec. 66	2,911	29,58
1841	Jan. 0	14 42 6,187	—15 22 44,89
	Apr. 10	6,270	44,88
	Jul. 19	6,347	44,81
	Oct. 27	6,418	44,68
	Dec. 66	6,482	44,48
1842	Jan. 0	14 42 9,766	—15 22 59,86
	Apr. 10	9,826	59,62
	Jul. 19	9,878	59,32
	Oct. 27	9,922	58,97
	Dec. 66	9,957	58,56
1843	Jan. 0	14 42 13,251	—15 23 14,01
	Apr. 10	13,280	13,56
	Jul. 19	13,300	13,07
	Oct. 27	13,311	12,53
	Dec. 66	13,313	11,95
1844	Jan. 1	14 42 16,618	—15 23 27,45
	Apr. 10	16,613	26,84
	Jul. 19	16,599	26,20
	Oct. 27	16,576	25,53
	Dec. 66	16,543	24,84
1845	Jan. 0	14 42 19,860	—15 23 40,37
	Apr. 10	19,821	39,67
	Jul. 19	19,773	38,96
	Oct. 27	19,717	38,24
	Dec. 66	19,652	37,51
1846	Jan. 0	14 42 22,980	—15 23 53,05
	Apr. 10	22,910	52,33
	Jul. 19	22,833	51,62
	Oct. 27	22,750	50,94
	Dec. 66	22,661	50,27
1847	Jan. 0	14 42 25,997	—15 24 5,78
	Apr. 10	25,905	5,15
	Jul. 19	25,809	4,52
	Oct. 27	25,709	3,95
	Dec. 66	25,606	3,41
1848	Jan. 1	14 42 28,946	—15 24 18,87
	Apr. 10	28,842	18,37
	Jul. 19	28,738	17,94
	Oct. 27	28,634	17,55
	Dec. 66	28,529	17,20
1849	Jan. 0	14 42 31,869	—15 24 32,59
	Apr. 10	31,766	32,30
	Jul. 19	31,666	32,07
	Oct. 27	31,569	31,91
	Dec. 66	31,475	31,81

Tabulae X. Sect. V. 2a *Librae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
an. 0	−0,694	+31,6	+ 3,47	−15,2	−3	+1	1830	14 41 29,2497	−15 19 48,637
10	−0,369	+32,9	+ 1,89	−16,2	−3	+1	1831	41 32,5525	20 3,979
20	−0,037	+33,2	+ 0,24	−16,6	−3	+2	1832	41 35,8555	20 19,318
30	+0,295	+32,7	− 1,43	−16,5	−3	+2	1833	41 39,1586	20 34,653
Febr. 9	+0,617	+31,4	− 3,06	−15,8	−3	+2	1834	41 42,4619	20 49,985
							1835	41 45,7654	21 5,313
19	+0,922	+29,5	− 4,59	−14,7	−3	+2	1836	41 49,0690	21 20,639
Märt. 1	+1,206	+27,1	− 6,00	−13,3	−2	+2	1837	41 52,3728	21 35,962
11	+1,464	+24,4	− 7,24	−11,6	−2	+3	1838	41 55,6767	21 51,282
21	+1,694	+21,6	− 8,31	− 9,8	−1	+3	1839	41 58,9808	22 6,599
31	+1,895	+18,7	− 9,20	− 8,0	−1	+3	1840	42 2,2849	22 21,912
							1841	42 5,5893	22 37,222
pr. 10	+2,067	+15,8	− 9,90	− 6,2	0	+2	1842	42 8,8938	22 52,529
20	+2,211	+13,0	−10,43	− 4,6	0	+2	1843	42 12,1985	23 7,833
30	+2,326	+10,1	−10,81	− 3,1	+1	+2	1844	42 15,5033	23 23,134
Maj. 10	+2,412	+ 7,3	−11,05	− 1,9	+1	+2	1845	42 18,8083	23 38,432
20	+2,472	+ 4,6	−11,18	− 0,8	+2	+2	1846	42 22,1134	23 53,727
							1847	42 25,4187	24 9,019
30	+2,504	+ 1,8	−11,20	+ 0,3	+2	+2	1848	42 28,7242	24 24,307
Jun. 9	+2,508	− 0,9	−11,12	+ 1,2	+3	+2	1849	42 32,0298	24 39,592
19	+2,486	− 3,6	−10,97	+ 1,9	+3	+1	1850	42 35,3356	24 54,874
29	+2,437	− 6,1	−10,75	+ 2,6	+4	+1			
Jul. 9	+2,364	− 8,4	−10,46	+ 3,2	+4	+1			
19	+2,269	−10,5	−10,11	+ 3,8	+4	+1			
29	+2,154	−12,3	− 9,70	+ 4,3	+4	+1			
Aug. 8	+2,024	−13,4	− 9,25	+ 4,8	+4	0			
18	+1,886	−14,0	− 8,75	+ 5,1	+4	0			
28	+1,744	−13,9	− 8,24	+ 5,2	+4	0			
Sept. 7	+1,609	−12,9	− 7,72	+ 5,1	+3	0			
17	+1,487	−11,1	− 7,23	+ 4,6	+3	0			
27	+1,388	− 8,4	− 6,80	+ 3,8	+3	0			
Oct. 7	+1,320	− 4,9	− 6,47	+ 2,6	+2	0			
17	+1,291	− 0,7	− 6,28	+ 1,1	+2	+1			
27	+1,307	+ 4,1	− 6,26	− 0,9	+1	+1			
Nov. 6	+1,372	+ 9,1	− 6,45	− 3,0	+1	+1			
16	+1,489	+14,2	− 6,86	− 5,4	0	+2			
26	+1,656	+19,1	− 7,53	− 7,9	0	+2			
Dec. 6	+1,870	+23,5	− 8,44	−10,3	−1	+3			
16	+2,126	+27,3	− 9,58	−12,4	−1	+3			
26	+2,416	+30,2	−10,92	−14,3	−1	+4			
36	+2,730	+32,2	−12,43	−15,6	−2	+4			

Diei reducto addendum est:

ante / post } Nov. 4 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Coronae.*

		α	δ
1830	Jan. 0	15 27 29,209	+27 17 37,35
	Apr. 10	29,133	37,62
	Jul. 19	29,061	37,82
	Oct. 27	28,993	37,95
	Dec. 66	28,930	38,01
1831	Jan. 0	15 27 31,487	+27 17 25,55
	Apr. 10	31,427	25,56
	Jul. 19	31,372	25,50
	Oct. 27	31,323	25,37
	Dec. 66	31,280	25,16
1832	Jan. 1	15 27 33,831	+27 17 12,79
	Apr. 10	33,792	12,54
	Jul. 19	33,760	12,23
	Oct. 27	33,736	11,86
	Dec. 66	33,720	11,42
1833	Jan. 0	15 27 36,262	+27 16 59,13
	Apr. 10	36,250	58,66
	Jul. 19	36,245	58,14
	Oct. 27	36,248	57,56
	Dec. 66	36,259	56,94
1834	Jan. 0	15 27 38,791	+27 16 44,71
	Apr. 10	38,807	44,06
	Jul. 19	38,829	43,39
	Oct. 27	38,859	42,69
	Dec. 66	38,895	41,97
1835	Jan. 0	15 27 41,418	+27 16 29,77
	Apr. 10	41,459	29,04
	Jul. 19	41,505	28,30
	Oct. 27	41,556	27,55
	Dec. 66	41,613	26,80
1836	Jan. 1	15 27 44,150	+27 16 14,62
	Apr. 10	44,190	13,88
	Jul. 19	44,254	13,15
	Oct. 27	44,322	12,44
	Dec. 66	44,393	11,75
1837	Jan. 0	15 27 46,906	+27 15 59,54
	Apr. 10	46,979	58,87
	Jul. 19	47,054	58,23
	Oct. 27	47,130	57,64
	Dec. 66	47,208	57,08
1838	Jan. 0	15 27 49,719	+27 15 44,83
	Apr. 10	49,797	44,30
	Jul. 19	49,875	43,83
	Oct. 27	49,952	43,40
	Dec. 66	50,028	43,03
1839	Jan. 0	15 27 52,539	+27 15 30,72
	Apr. 10	52,614	30,39
	Jul. 19	52,686	30,12
	Oct. 27	52,755	29,92
	Dec. 66	52,822	29,78
1840	Jan. 1	15 27 55,336	+27 15 17,39
	Apr. 10	55,401	17,29
	Jul. 19	55,460	17,26
	Oct. 27	55,515	17,30
	Dec. 66	55,564	17,40
1841	Jan. 0	15 27 58,085	+27 15 4,94
	Apr. 10	58,131	5,09
	Jul. 19	58,171	5,30
	Oct. 27	58,205	5,57
	Dec. 66	58,232	5,91
1842	Jan. 0	15 28 0,760	+27 14 53,37
	Apr. 10	0,783	53,75
	Jul. 19	0,799	54,19
	Oct. 27	0,808	54,68
	Dec. 66	0,809	55,22
1843	Jan. 0	15 28 3,346	+27 14 42,62
	Apr. 10	3,343	43,20
	Jul. 19	3,332	43,81
	Oct. 27	3,315	44,46
	Dec. 66	3,290	45,15
1844	Jan. 1	15 28 5,836	+27 14 32,50
	Apr. 10	5,806	33,21
	Jul. 19	5,770	33,93
	Oct. 27	5,727	34,68
	Dec. 66	5,677	35,44
1845	Jan. 0	15 28 8,231	+27 14 22,77
	Apr. 10	8,179	23,53
	Jul. 19	8,120	24,29
	Oct. 27	8,057	25,04
	Dec. 66	7,988	25,78
1846	Jan. 0	15 28 10,548	+27 14 13,13
	Apr. 10	10,476	13,86
	Jul. 19	10,402	14,56
	Oct. 27	10,225	15,24
	Dec. 66	10,246	15,87
1847	Jan. 0	15 28 12,810	+27 14 3,25
	Apr. 10	12,729	3,86
	Jul. 19	12,648	4,42
	Oct. 27	12,567	4,93
	Dec. 66	12,485	5,38
1848	Jan. 1	15 28 15,049	+27 13 52,84
	Apr. 10	14,968	53,25
	Jul. 19	14,890	53,60
	Oct. 27	14,814	53,88
	Dec. 66	14,741	54,10
1849	Jan. 0	15 28 17,302	+27 13 41,64
	Apr. 10	17,231	41,81
	Jul. 19	17,165	41,91
	Oct. 27	17,104	41,94
	Dec. 66	17,047	41,89

Tabulae X. Sect. V. *α Coronae.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−1,022	+27,9	− 7,63	−27,5	−2	+2
10	−0,728	+30,5	−10,31	−24,9	−2	+2
20	−0,413	+32,1	−12,65	−21,4	−2	+2
30	−0,086	+32,9	−14,59	−17,2	−3	+2
Febr. 9	+0,244	+32,7	−16,09	−12,5	−3	+1
19	+0,567	+31,6	−17,09	− 7,4	−3	+1
Mart. 1	+0,876	+30,0	−17,57	− 2,2	−3	+1
11	+1,166	+27,8	−17,53	+ 2,9	−3	0
21	+1,431	+25,1	−16,99	+ 7,7	−2	0
31	+1,668	+22,2	−16,00	+12,0	−2	0
Apr. 10	+1,874	+19,1	−14,60	+15,7	−2	0
20	+2,049	+15,8	−12,87	+18,5	−1	−1
30	+2,190	+12,5	−10,90	+20,6	−1	−1
Maj. 10	+2,298	+ 9,1	− 8,76	+21,8	0	−1
20	+2,372	+ 5,7	− 6,55	+22,1	0	−1
30	+2,412	+ 2,3	− 4,34	+21,8	+1	−1
Jun. 9	+2,418	− 1,0	− 2,20	+20,7	+1	−1
19	+2,392	− 4,2	− 0,20	+19,1	+1	0
29	+2,334	− 7,3	+ 1,61	+16,9	+2	0
Jul. 9	+2,246	−10,2	+ 3,17	+14,2	+2	0
19	+2,130	−12,8	+ 4,45	+11,3	+2	0
29	+1,990	−15,1	+ 5,42	+ 8,1	+2	0
Aug. 8	+1,829	−16,9	+ 6,06	+ 4,7	+3	+1
18	+1,653	−18,0	+ 6,36	+ 1,2	+3	+1
28	+1,469	−18,4	+ 6,30	− 2,4	+3	+1
Sept. 7	+1,285	−18,1	+ 5,88	− 6,1	+3	+2
17	+1,107	−16,9	+ 5,09	− 9,7	+2	+2
27	+0,947	−14,8	+ 3,94	−13,2	+2	+3
Oct. 7	+0,811	−11,9	+ 2,45	−16,7	+2	+3
17	+0,709	− 8,1	+ 0,61	−19,9	+2	+3
27	+0,649	− 3,7	− 1,53	−22,9	+1	+4
Nov. 6	+0,636	+ 1,3	− 3,96	−25,5	+1	+4
16	+0,675	+ 6,6	− 6,63	−27,6	0	+4
26	+0,768	+11,9	− 9,47	−29,0	0	+5
Dec. 6	+0,913	+17,0	−12,43	−29,8	0	+5
16	+1,108	+21,7	−15,42	−29,6	−1	+5
26	+1,347	+25,7	−18,35	−28,5	−1	+5
36	+1,622	+29,0	−21,12	−26,6	−2	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	15 27 29,5054	+27 17 29,756
1831	27 32,0419	17 17,304
1832	27 34,5785	17 4,855
1833	27 37,1151	16 52,409
1834	27 39,6517	16 39,966
1835	27 42,1883	16 27,525
1836	27 44,7250	16 15,088
1837	27 47,2617	16 2,654
1838	27 49,7984	15 50,223
1839	27 52,3351	15 37,795
1840	27 54,8718	15 25,368
1841	27 57,4086	15 12,946
1842	27 59,9454	15 0,527
1843	28 2,4822	14 48,111
1844	28 5,0191	14 35,698
1845	28 7,5559	14 23,285
1846	28 10,0928	14 10,877
1847	28 12,6297	13 58,472
1848	28 15,1667	13 46,070
1849	28 17,7037	13 33,671
1850	28 20,2407	13 21,277

Diei reducto addendum est:

ante / post } Nov. 16 { + 1 / + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Serpentis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	15 35 53,826	+ 6 58 4,87	1840	Jan. 1	15 36 23,864	+ 6 55 51,63
	Apr. 10	53,735	5,12		Apr. 10	23,945	51,56
	Jul. 19	53,647	5,30		Jul. 19	24,021	51,55
	Oct. 27	53,562	5,40		Oct. 27	24,094	51,61
	Dec. 66	53,481	5,44		Dec. 66	24,162	51,74
1831	Jan. 0	15 35 56,457	+ 6 57 53,69	1841	Jan. 0	15 36 27,089	+ 6 55 39,97
	Apr. 10	56,378	53,68		Apr. 10	27,153	40,14
	Jul. 19	56,305	53,59		Jul. 19	27,211	40,38
	Oct. 27	56,238	53,43		Oct. 27	27,263	40,68
	Dec. 66	56,176	53,20		Dec. 66	27,308	41,05
1832	Jan. 1	15 35 59,146	+ 6 57 41,53	1842	Jan. 0	15 36 30,244	+ 6 55 29,20
	Apr. 10	59,089	41,26		Apr. 10	30,285	29,61
	Jul. 19	59,039	40,92		Jul. 19	30,318	30,07
	Oct. 27	58,997	40,52		Oct. 27	30,343	30,58
	Dec. 66	58,962	40,06		Dec. 66	30,361	31,15
1833	Jan. 0	15 36 1,923	+ 6 57 28,48	1843	Jan. 0	15 36 33,306	+ 6 55 19,24
	Apr. 10	1,893	27,98		Apr. 10	33,319	19,84
	Jul. 19	1,872	27,43		Jul. 19	33,323	20,47
	Oct. 27	1,860	26,84		Oct. 27	33,319	21,14
	Dec. 66	1,856	26,20		Dec. 66	33,306	21,84
1834	Jan. 0	15 36 4,806	+ 6 57 14,63	1844	Jan. 1	15 36 36,261	+ 6 55 9,90
	Apr. 10	4,807	14,02		Apr. 10	36,242	10,62
	Jul. 19	4,817	13,33		Jul. 19	36,216	11,36
	Oct. 27	4,835	12,61		Oct. 27	36,182	12,11
	Dec. 66	4,861	11,87		Dec. 66	36,140	12,88
1835	Jan. 0	15 36 7,801	+ 6 57 0,38	1845	Jan. 0	15 36 39,105	+ 6 55 0,92
	Apr. 10	7,833	56 59,63		Apr. 10	39,057	1,69
	Jul. 19	7,871	58,88		Jul. 19	39,003	2,45
	Oct. 27	7,916	58,13		Oct. 27	38,942	3,20
	Dec. 66	7,968	57,38		Dec. 66	38,875	3,95
1836	Jan. 1	15 36 10,900	+ 6 56 45,89	1846	Jan. 0	15 36 41,849	+ 6 54 52,00
	Apr. 10	10,957	45,15		Apr. 10	41,777	52,74
	Jul. 19	11,019	44,42		Jul. 19	41,701	53,42
	Oct. 27	11,087	43,71		Oct. 27	41,620	54,09
	Dec. 66	11,160	43,02		Dec. 66	41,534	54,72
1837	Jan. 0	15 36 14,085	+ 6 56 31,51	1847	Jan. 0	15 36 44,514	+ 6 54 42,81
	Apr. 10	14,161	30,85		Apr. 10	44,426	43,41
	Jul. 19	14,240	30,22		Jul. 19	44,336	43,96
	Oct. 27	14,322	29,63		Oct. 27	44,245	44,46
	Dec. 66	14,407	29,08		Dec. 66	44,153	44,89
1838	Jan. 0	15 36 17,329	+ 6 56 17,53	1848	Jan. 1	15 36 47,134	+ 6 54 33,06
	Apr. 10	17,416	17,01		Apr. 10	47,041	33,45
	Jul. 19	17,503	16,55		Jul. 19	46,949	33,77
	Oct. 27	17,591	16,15		Oct. 27	46,858	34,03
	Dec. 66	17,679	15,80		Dec. 66	46,769	34,23
1839	Jan. 0	15 36 20,600	+ 6 56 4,18	1849	Jan. 0	15 36 49,750	+ 6 54 22,49
	Apr. 10	20,688	3,87		Apr. 10	49,663	22,64
	Jul. 19	20,774	3,62		Jul. 19	49,579	22,71
	Oct. 27	20,858	3,44		Oct. 27	49,500	22,71
	Dec. 66	20,941	3,32		Dec. 66	49,424	22,64

Tabulae X. Sect. V. *α Serentis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	—0,937	+26,8	— 2,75	—21,5	—2	+1	1830	15 35 53,9914	+ 6 57 57,108
10	—0,657	+29,0	— 4,87	—20,5	—2	+2	1831	35 56,9409	57 45,354
20	—0,358	+30,4	— 6,85	—18,9	—3	+2	1832	35 59,8904	57 33,604
30	—0,049	+30,9	— 8,64	—16,5	—3	+2	1833	36 2,8400	57 21,857
Febr. 9	+0,260	+30,7	—10,15	—13,6	—3	+2	1834	36 5,7897	57 10,114
							1835	36 8,7395	56 58,373
19	+0,564	+29,8	—11,36	—10,4	—3	+2	1836	36 11,6893	56 46,637
Mart. 1	+0,856	+28,3	—12,22	— 6,8	—3	+1	1837	36 14,6392	56 34,904
11	+1,130	+26,4	—12,71	— 3,1	—2	+1	1838	36 17,5891	56 23,175
21	+1,384	+24,3	—12,83	+ 0,5	—2	+1	1839	36 20,5391	56 11,449
31	+1,615	+21,9	—12,62	+ 3,7	—2	+1	1840	36 23,4891	55 59,726
							1841	36 26,4392	55 48,007
Apr. 10	+1,822	+19,4	—12,09	+ 6,7	—1	+1	1842	36 29,3894	55 36,292
20	+2,002	+16,7	—11,29	+ 9,1	—1	+1	1843	36 32,3396	55 24,580
30	+2,155	+13,9	—10,28	+10,9	0	+1	1844	36 35,2899	55 12,872
Maj. 10	+2,280	+11,2	— 9,12	+12,2	0	+1	1845	36 38,2403	55 1,165
20	+2,378	+ 8,3	— 7,85	+13,0	+1	+1	1846	36 41,1907	54 49,463
							1847	36 44,1412	54 37,765
30	+2,446	+ 5,3	— 6,53	+13,2	+1	+1	1848	36 47,0917	54 26,060
Jun. 9	+2,484	+ 2,3	— 5,22	+12,9	+1	+1	1849	36 50,0423	54 14,379
19	+2,492	— 0,7	— 3,95	+12,3	+2	+1	1850	36 52,9930	54 2,693
29	+2,471	— 3,6	— 2,77	+11,3	+2	+1			
Jul. 9	+2,420	— 6,5	— 1,70	+10,0	+2	+1			
19	+2,341	— 9,2	— 0,77	+ 8,6	+3	+1			
29	+2,237	—11,5	+ 0,01	+ 6,9	+3	+1			
Aug. 8	+2,111	—13,5	+ 0,61	+ 5,1	+3	+1			
18	+1,968	—14,8	+ 1,03	+ 3,3	+3	+1			
28	+1,816	—15,4	+ 1,26	+ 1,2	+3	+1			
Sept. 7	+1,660	—15,4	+ 1,27	— 0,9	+3	+2			
17	+1,509	—14,4	+ 1,08	— 3,1	+3	+2			
27	+1,373	—12,6	+ 0,65	— 5,4	+3	+2			
Oct. 7	+1,258	— 9,9	0,00	— 7,8	+2	+2			
17	+1,176	— 6,4	— 0,90	—10,3	+2	+3			
27	+1,131	— 2,2	— 2,05	—12,7	+1	+3			
Nov. 6	+1,132	+ 2,5	— 3,43	—15,0	+1	+3			
16	+1,180	+ 7,4	— 5,04	—17,2	+1	+4			
26	+1,279	+12,3	— 6,86	—19,1	0	+4			
Dec. 6	+1,426	+17,0	— 8,85	—20,5	0	+4			
16	+1,619	+21,3	—10,96	—21,5	—1	+5			
26	+1,851	+24,8	—13,12	—21,7	—1	+5			
36	+2,115	+27,7	—15,28	—21,2	—2	+5			

Diei reducto addendum est:

ante } Nov. 18 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Scorpii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	16 18 59,800	— 26 2 40,76	1840	Jan. 1	16 19 36,761	— 26 4 23,54
	Apr. 10	59,684	40,62		Apr. 10	36,867	23,49
	Jul. 19	59,570	40,56		Jul. 19	36,970	23,37
	Oct. 27	59,459	40,58		Oct. 27	37,069	23,18
	Dec. 66	59,350	40,67		Dec. 66	37,164	22,93
1831	Jan. 0	16 19 3,048	— 26 2 49,23	1841	Jan. 0	16 19 40,796	— 26 4 31,57
	Apr. 10	2,942	49,37		Apr. 10	40,887	31,27
	Jul. 19	2,841	49,59		Jul. 19	40,971	30,91
	Oct. 27	2,747	49,87		Oct. 27	41,048	30,49
	Dec. 66	2,658	50,23		Dec. 66	41,119	30,01
1832	Jan. 1	16 19 6,350	— 26 2 58,69	1842	Jan. 0	16 19 44,760	— 26 4 38,72
	Apr. 10	6,266	59,09		Apr. 10	44,825	38,20
	Jul. 19	6,191	59,55		Jul. 19	44,881	37,63
	Oct. 27	6,124	3 0,07		Oct. 27	44,928	37,01
	Dec. 66	6,066	0,65		Dec. 66	44,966	36,34
1833	Jan. 0	16 19 9,747	— 26 3 9,04	1843	Jan. 0	16 19 48,619	— 26 4 45,11
	Apr. 10	9,695	9,65		Apr. 10	48,650	44,42
	Jul. 19	9,653	10,30		Jul. 19	48,672	43,70
	Oct. 27	9,621	10,99		Oct. 27	48,682	42,95
	Dec. 66	9,600	11,71		Dec. 66	48,683	42,17
1834	Jan. 0	16 19 13,269	— 26 3 20,05	1844	Jan. 1	16 19 52,349	— 26 4 50,97
	Apr. 10	13,254	20,80		Apr. 10	52,342	50,18
	Jul. 19	13,250	21,56		Jul. 19	52,325	49,39
	Oct. 27	13,256	22,33		Oct. 27	52,298	48,60
	Dec. 66	13,273	23,12		Dec. 66	52,260	47,80
1835	Jan. 0	16 19 16,929	— 26 3 31,44	1845	Jan. 0	16 19 55,939	— 26 4 56,59
	Apr. 10	16,952	32,23		Apr. 10	55,894	55,80
	Jul. 19	16,985	33,01		Jul. 19	55,840	55,03
	Oct. 27	17,027	33,79		Oct. 27	55,777	54,28
	Dec. 66	17,079	34,55		Dec. 66	55,704	53,55
1836	Jan. 1	16 19 20,724	— 26 3 42,87	1846	Jan. 0	16 19 59,394	— 26 5 2,31
	Apr. 10	20,782	43,62		Apr. 10	59,316	1,61
	Jul. 19	20,847	44,35		Jul. 19	59,231	0,95
	Oct. 27	20,920	45,03		Oct. 27	59,139	0,33
	Dec. 66	21,001	45,69		Dec. 66	59,039	4 59,76
1837	Jan. 0	16 19 24,637	— 26 3 54,05	1847	Jan. 0	16 20 2,738	— 26 5 8,47
	Apr. 10	24,722	54,68		Apr. 10	2,636	7,93
	Jul. 19	24,813	55,26		Jul. 19	2,529	7,46
	Oct. 27	24,909	55,79		Oct. 27	2,419	7,05
	Dec. 66	25,010	56,27		Dec. 66	2,304	6,71
1838	Jan. 0	16 19 28,639	— 26 4 4,68	1848	Jan. 1	16 20 6,008	— 26 5 15,33
	Apr. 10	28,743	5,12		Apr. 10	5,893	15,03
	Jul. 19	28,849	5,50		Jul. 19	5,777	14,81
	Oct. 27	28,957	5,82		Oct. 27	5,662	14,66
	Dec. 66	29,068	6,07		Dec. 66	5,546	14,58
1839	Jan. 0	16 19 32,694	— 26 4 14,55	1849	Jan. 0	16 20 9,250	— 26 5 23,11
	Apr. 10	32,805	14,76		Apr. 10	9,136	23,09
	Jul. 19	32,915	14,90		Jul. 19	9,026	23,14
	Oct. 27	33,024	14,97		Oct. 27	8,919	23,27
	Dec. 66	33,133	14,97		Dec. 66	8,816	23,47

Tabulae X. Sect. V. *α Scorpii.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−1,201	+27,5	+ 4,16	− 4,6	−3	−1	1830	16 18 59,8272	− 26 2 49,247
10	−0,910	+30,4	+ 3,62	− 6,1	−3	−1	1831	19 3,4897	2 57,845
20	−0,594	+32,4	+ 2,94	− 7,4	−3	0	1832	19 7,1524	3 6,438
30	−0,262	+33,6	+ 2,14	− 8,4	−4	0	1833	19 10,8152	3 15,026
Febr. 9	+0,077	+34,0	+ 1,27	− 8,9	−4	+1	1834	19 14,4782	3 23,610
							1835	19 18,1414	3 32,189
19	+0,418	+33,8	+ 0,36	− 9,1	−4	+1	1836	19 21,8047	3 40,762
Mart. 1	+0,752	+32,9	− 0,55	− 9,0	−3	+2	1837	19 25,4682	3 49,331
11	+1,076	+31,7	− 1,43	− 8,6	−3	+2	1838	19 29,1318	3 57,895
21	+1,385	+30,0	− 2,27	− 8,1	−3	+3	1839	19 32,7956	4 6,455
31	+1,676	+28,2	− 3,04	− 7,4	−2	+3	1840	19 36,4593	4 15,009
							1841	19 40,1234	4 23,559
Apr. 10	+1,948	+26,0	− 3,74	− 6,7	−2	+3	1842	19 43,7876	4 32,104
20	+2,196	+23,6	− 4,38	− 6,1	−1	+4	1843	19 47,4520	4 40,644
30	+2,420	+21,1	− 4,96	− 5,6	−1	+4	1844	19 51,1166	4 49,179
Maj. 10	+2,617	+18,2	− 5,49	− 5,1	0	+4	1845	19 54,7814	4 57,709
20	+2,784	+15,2	− 5,97	− 4,7	+1	+4	1846	19 58,4463	5 6,234
							1847	20 2,1113	5 14,755
30	+2,920	+11,9	− 6,42	− 4,3	+1	+4	1848	20 5,7765	5 23,271
Jun. 9	+3,021	+ 8,3	− 6,82	− 3,9	+2	+4	1849	20 9,4415	5 31,782
19	+3,085	+ 4,5	− 7,19	− 3,5	+2	+4	1850	20 13,1072	5 40,288
29	+3,111	+ 0,7	− 7,51	− 3,0	+3	+4			
Jul. 9	+3,099	− 3,1	− 7,78	− 2,4	+4	+4			
19	+3,049	− 6,8	− 7,98	− 1,7	+4	+4			
29	+2,963	−10,2	− 8,11	− 0,8	+4	+3			
Aug. 8	+2,845	−13,2	− 8,14	+ 0,3	+4	+3			
18	+2,700	−15,5	− 8,06	+ 1,3	+5	+3			
28	+2,536	−17,0	− 7,88	+ 2,4	+5	+2			
Sept. 7	+2,360	−17,7	− 7,59	+ 3,4	+5	+2			
17	+2,183	−17,2	− 7,20	+ 4,3	+4	+2			
27	+2,016	−15,7	− 6,73	+ 5,1	+4	+2			
Oct. 7	+1,869	−13,2	− 6,19	+ 5,5	+4	+1			
17	+1,752	− 9,7	− 5,63	+ 5,6	+3	+1			
27	+1,675	− 5,3	− 5,08	+ 5,3	+3	+1			
Nov. 6	+1,646	− 0,3	− 4,58	+ 4,5	+2	+1			
16	+1,669	+ 5,1	− 4,18	+ 3,4	+2	+2			
26	+1,748	+10,6	− 3,91	+ 1,9	+1	+2			
Dec. 6	+1,881	+15,9	− 3,80	+ 0,2	0	+2			
16	+2,066	+20,9	− 3,88	− 1,7	0	+3			
26	+2,298	+25,2	− 4,13	− 3,5	−1	+3			
36	+2,569	+28,7	− 4,57	− 5,2	−1	+4			

Diei reducto addendum est:

ante } Nov. 28 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Herculis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	17 6 53,790	+14 35 33,46	1840	Jan. 1	17 7 21,594	+14 34 30,31
	Apr. 10	53,706	33,46		Apr. 10	21,669	30,49
	Jul. 19	53,624	33,38		Jul. 19	21,740	30,73
	Oct. 27	53,545	33,23		Oct. 27	21,807	31,05
	Dec. 66	53,469	33,00		Dec. 66	21,871	31,43
1831	Jan. 0	17 6 56,224	+14 35 28,51	1841	Jan. 0	17 7 24,581	+14 34 26,76
	Apr. 10	56,151	28,23		Apr. 10	24,642	27,19
	Jul. 19	56,083	27,89		Jul. 19	24,696	27,67
	Oct. 27	56,020	27,47		Oct. 27	24,745	28,21
	Dec. 66	55,963	26,99		Dec. 66	24,787	28,81
1832	Jan. 1	17 6 58,712	+14 35 22,59	1842	Jan. 0	17 7 27,504	+14 34 24,07
	Apr. 10	58,659	22,06		Apr. 10	27,543	24,70
	Jul. 19	58,612	21,48		Jul. 19	27,574	25,37
	Oct. 27	58,573	20,85		Oct. 27	27,598	26,08
	Dec. 66	58,540	20,17		Dec. 66	27,615	26,83
1833	Jan. 0	17 7 1,281	+14 35 15,84	1843	Jan. 0	17 7 30,341	+14 34 22,05
	Apr. 10	1,254	15,14		Apr. 10	30,353	22,82
	Jul. 19	1,234	14,40		Jul. 19	30,357	23,61
	Oct. 27	1,222	13,64		Oct. 27	30,353	24,41
	Dec. 66	1,217	12,84		Dec. 66	30,342	25,23
1834	Jan. 0	17 7 3,949	+14 35 8,54	1844	Jan. 1	17 7 33,078	+14 34 20,43
	Apr. 10	3,950	7,74		Apr. 10	33,062	21,25
	Jul. 19	3,958	6,93		Jul. 19	33,038	22,07
	Oct. 27	3,974	6,12		Oct. 27	33,006	22,88
	Dec. 66	3,998	5,30		Dec. 66	32,967	23,68
1835	Jan. 0	17 7 6,721	+14 35 1,02	1845	Jan. 0	17 7 35,712	+14 34 18,89
	Apr. 10	6,749	0,21		Apr. 10	35,668	19,68
	Jul. 19	6,784	34 59,42		Jul. 19	35,618	20,43
	Oct. 27	6,826	58,65		Oct. 27	35,562	21,15
	Dec. 66	6,875	57,90		Dec. 66	35,499	21,83
1836	Jan. 1	17 7 9,589	+14 34 53,59	1846	Jan. 0	17 7 38,252	+14 34 17,09
	Apr. 10	9,642	52,87		Apr. 10	38,185	17,74
	Jul. 19	9,699	52,19		Jul. 19	38,115	18,34
	Oct. 27	9,762	51,55		Oct. 27	38,040	18,88
	Dec. 66	9,829	50,95		Dec. 66	37,961	19,36
1837	Jan. 0	17 7 12,537	+14 34 46,59	1847	Jan. 0	17 7 40,719	+14 34 14,70
	Apr. 10	12,608	46,03		Apr. 10	40,637	15,14
	Jul. 19	12,681	45,53		Jul. 19	40,554	15,51
	Oct. 27	12,758	45,09		Oct. 27	40,469	15,81
	Dec. 66	12,837	44,70		Dec. 66	40,383	16,03
1838	Jan. 0	17 7 15,541	+14 34 40,27	1848	Jan. 1	17 7 43,144	+14 34 11,46
	Apr. 10	15,622	39,93		Apr. 10	43,058	11,63
	Jul. 19	15,703	39,66		Jul. 19	42,972	11,73
	Oct. 27	15,785	39,46		Oct. 27	42,888	11,75
	Dec. 66	15,867	39,32		Dec. 66	42,804	11,69
1839	Jan. 0	17 7 18,570	+14 34 34,81	1849	Jan. 0	17 7 45,563	+14 34 7,22
	Apr. 10	18,653	34,72		Apr. 10	45,482	7,11
	Jul. 19	18,733	34,71		Jul. 19	45,404	6,92
	Oct. 27	18,812	34,77		Oct. 27	45,331	6,66
	Dec. 66	18,888	34,90		Dec. 66	45,261	6,32

Tabulae X. Sect. V. *α Herculis.*

	1840		1840		Var. 10 annor.	
	"		"			
Jan. 0	−1,266	+19,1	− 2,78	−23,5	−1	+1
10	−1,057	+22,5	− 5,11	−22,6	−1	+1
20	−0,816	+25,3	− 7,30	−20,9	−2	+1
30	−0,551	+27,3	− 9,29	−18,5	−2	+1
Febr. 9	−0,270	+28,7	−10,99	−15,3	−2	+1
19	+0,022	+29,4	−12,35	−11,6	−3	+1
Mart. 1	+0,317	+29,5	−13,30	− 7,4	−3	+1
11	+0,612	+29,2	−13,82	− 3,0	−3	+1
21	+0,900	+28,3	−13,90	+ 1,4	−2	+1
31	+1,177	+27,1	−13,55	+ 5,6	−2	+1
Apr. 10	+1,441	+25,6	−12,79	+ 9,4	−2	+1
20	+1,688	+23,7	−11,68	+12,7	−2	+1
30	+1,914	+21,4	−10,26	+15,4	−1	+1
Maj. 10	+2,116	+18,9	− 8,60	+17,5	−1	0
20	+2,291	+16,1	− 6,76	+18,9	−1	+1
30	+2,437	+13,0	− 4,83	+19,5	0	+1
Jun. 9	+2,550	+ 9,6	− 2,86	+19,6	0	+1
19	+2,629	+ 6,0	− 0,92	+19,1	+1	+1
29	+2,670	+ 2,3	+ 0,95	+18,0	+1	+1
Jul. 9	+2,674	− 1,5	+ 2,68	+16,5	+1	+1
19	+2,640	− 5,2	+ 4,24	+14,6	+2	+1
29	+2,570	− 8,7	+ 5,60	+12,4	+2	+1
Aug. 8	+2,466	−11,9	+ 6,72	+10,1	+2	+1
18	+2,332	−14,6	+ 7,61	+ 7,5	+2	+2
28	+2,174	−16,6	+ 8,22	+ 4,8	+3	+2
Sept. 7	+2,000	−17,9	+ 8,56	+ 2,0	+3	+2
17	+1,817	−18,3	+ 8,62	− 0,9	+3	+2
27	+1,635	−17,8	+ 8,38	− 3,9	+3	+2
Oct. 7	+1,462	−16,3	+ 7,85	− 6,8	+3	+3
17	+1,310	−13,8	+ 7,02	− 9,8	+2	+3
27	+1,186	−10,6	+ 5,89	−12,7	+2	+3
Nov. 6	+1,098	− 6,1	+ 4,49	−15,4	+2	+4
16	+1,054	− 1,6	+ 2,81	−18,0	+1	+4
26	+1,057	+ 2,7	+ 0,89	−20,2	+1	+4
Dec. 6	+1,108	+ 7,6	− 1,22	−21,9	+1	+4
16	+1,208	+12,3	− 3,49	−23,1	0	+4
26	+1,353	+16,6	− 5,84	−23,6	0	+5
36	+1,540	+20,5	− 8,20	−23,3	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	17 6 53,9396	+14 35 24,509
1831	6 56,6704	35 19,936
1832	6 59,4013	35 15,367
1833	7 2,1322	35 10,802
1834	7 4,8631	35 6,241
1835	7 7,5941	35 1,684
1836	7 10,3251	34 57,131
1837	7 13,0562	34 52,582
1838	7 15,7873	34 48,036
1839	7 18,5184	34 43,494
1840	7 21,2495	34 38,955
1841	7 23,9807	34 34,421
1842	7 26,7119	34 29,891
1843	7 29,4432	34 25,364
1844	7 32,1745	34 20,842
1845	7 34,9058	34 16,323
1846	7 37,6372	34 11,808
1847	7 40,3686	34 7,297
1848	7 43,1001	34 2,790
1849	7 45,8316	33 58,287
1850	7 48,5631	33 53,788

Diei reducto addendum est:

ante } Dec. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Ophiuchi.*

1830	Jan. 0	17	27	2,569	+12	41	33,64	1840	Jan. 1	17	27	30,812	+12	40	45,39
	Apr. 10			2,483			33,58		Apr. 10			30,889			45,62
	Jul. 19			2,399			33,45		Jul. 19			30,962			45,92
	Oct. 27			2,319			33,24		Oct. 27			31,031			46,28
	Dec. 66			2,241			32,95		Dec. 66			31,096			46,71
1831	Jan. 0	17	27	5,044	+12	41	29,98	1841	Jan. 0	17	27	33,852	+12	40	43,52
	Apr. 10			4,969			29,65		Apr. 10			33,915			43,99
	Jul. 19			4,899			29,25		Jul. 19			33,971			44,52
	Oct. 27			4,834			28,78		Oct. 27			34,022			44,10
	Dec. 66			4,774			28,25		Dec. 66			34,066			45,74
1832	Jan. 1	17	27	7,571	+12	41	25,36	1842	Jan. 0	17	27	36,829	+12	40	42,49
	Apr. 10			7,516			24,79		Apr. 10			36,869			43,16
	Jul. 19			7,467			24,17		Jul. 19			36,902			43,86
	Oct. 27			7,426			23,50		Oct. 27			36,928			44,60
	Dec. 66			7,391			22,78		Dec. 66			36,947			45,37
1833	Jan. 0	17	27	10,179	+12	41	19,95	1843	Jan. 0	17	27	39,719	+12	40	42,08
	Apr. 10			10,150			19,21		Apr. 10			39,732			42,87
	Jul. 19			10,128			18,45		Jul. 19			39,738			43,67
	Oct. 27			10,114			17,66		Oct. 27			39,736			44,49
	Dec. 66			10,108			16,85		Dec. 66			39,726			45,32
1834	Jan. 0	17	27	12,887	+12	41	14,05	1844	Jan. 1	17	27	42,508	+12	40	42,01
	Apr. 10			12,887			13,23		Apr. 10			42,493			42,84
	Jul. 19			12,894			12,41		Jul. 19			42,470			43,65
	Oct. 27			12,909			11,59		Oct. 27			42,439			44,45
	Dec. 66			12,931			10,78		Dec. 66			42,401			45,24
1835	Jan. 0	17	27	15,700	+12	41	7,98	1845	Jan. 0	17	27	45,193	+12	40	41,96
	Apr. 10			15,728			7,17		Apr. 10			45,150			42,73
	Jul. 19			15,762			6,39		Jul. 19			45,100			43,46
	Oct. 27			15,804			5,64		Oct. 27			45,044			44,15
	Dec. 66			15,851			4,91		Dec. 66			44,982			44,80
1836	Jan. 1	17	27	18,612	+12	41	2,09	1846	Jan. 0	17	27	47,781	+12	40	41,57
	Apr. 10			18,665			1,39		Apr. 10			47,715			42,19
	Jul. 19			18,722			0,73		Jul. 19			47,644			42,75
	Oct. 27			18,785			0,12		Oct. 27			47,569			42,25
	Dec. 66			18,852		40	59,55		Dec. 66			47,489			43,69
1837	Jan. 0	17	27	21,606	+12	40	56,67	1847	Jan. 0	17	27	50,294	+12	40	40,53
	Apr. 10			21,676			56,14		Apr. 10			50,212			40,93
	Jul. 19			21,750			55,68		Jul. 19			50,128			41,25
	Oct. 27			21,827			55,28		Oct. 27			50,042			41,50
	Dec. 66			21,907			54,94		Dec. 66			49,955			41,67
1838	Jan. 0	17	27	24,657	+12	40	51,99	1848	Jan. 1	17	27	52,762	+12	40	38,61
	Apr. 10			24,739			51,69		Apr. 10			52,674			38,73
	Jul. 19			24,821			51,47		Jul. 19			52,587			38,77
	Oct. 27			24,904			51,32		Oct. 27			52,501			38,73
	Dec. 66			24,987			51,24		Dec. 66			52,417			38,62
1839	Jan. 0	17	27	27,737	+12	40	48,21	1849	Jan. 0	17	27	55,223	+12	40	35,66
	Apr. 10			27,820			48,17		Apr. 10			55,140			35,49
	Jul. 19			27,902			48,21		Jul. 19			55,060			35,25
	Oct. 27			27,982			48,32		Oct. 27			54,984			34,93
	Dec. 66			28,061			48,50		Dec. 66			54,912			34,54

Tabulae X. Sect. V. *α Ophiuchi.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,295	+17,3	− 2,16	−22,3	−1	+1	1830	17 27 2,7039	+12 41 24,615
10	−1,103	+20,9	− 4,38	−21,7	−1	+1	1831	27 5,4812	41 21,533
20	−0,878	+23,8	− 6,49	−20,2	−2	+1	1832	27 8,2585	41 18,455
30	−0,628	+26,1	− 8,42	−18,1	−2	+1	1833	27 11,0359	41 15,381
Febr. 9	−0,357	+27,7	−10,11	−15,2	−2	+1	1834	27 13,8133	41 12,311
							1835	27 16,5908	41 9,243
19	−0,075	+28,7	−11,46	−11,6	−2	+1	1836	27 19,3683	41 6,181
Mart. 1	+0,216	+29,2	−12,43	− 7,7	−3	+1	1837	27 22,1458	41 3,123
11	+0,508	+29,1	−13,00	− 3,5	−3	+1	1838	27 24,9233	41 0,069
21	+0,797	+28,6	−13,13	+ 0,7	−2	+1	1839	27 27,7009	40 57,019
31	+1,080	+27,7	−12,86	+ 4,8	−2	+1	1840	27 30,4784	40 53,971
							1841	27 33,2560	40 50,929
Apr. 10	+1,351	+26,5	−12,18	+ 8,6	−2	+1	1842	27 36,0337	40 47,891
20	+1,609	+24,9	−11,15	+11,9	−2	+1	1843	27 38,8114	40 44,857
30	+1,849	+22,9	− 9,81	+14,7	−2	+1	1844	27 41,5892	40 41,827
Maj. 10	+2,057	+20,6	− 8,22	+16,8	−1	+1	1845	27 44,3670	40 38,799
20	+2,261	+18,0	− 6,45	+18,3	−1	+1	1846	27 47,1448	40 35,776
							1847	27 49,9227	40 32,758
30	+2,426	+14,9	− 4,57	+19,1	0	+1	1848	27 52,7006	40 29,743
Jun. 9	+2,559	+11,6	− 2,64	+19,2	0	+1	1849	27 55,4785	40 26,733
19	+2,658	+ 8,0	− 0,73	+18,8	0	+1	1850	27 58,2564	40 23,726
29	+2,719	+ 4,2	+ 1,12	+17,9	+1	+1			
Jul. 9	+2,742	+ 0,4	+ 2,84	+16,5	+1	+1			
19	+2,726	− 3,5	+ 4,42	+14,8	+2	+1			
29	+2,672	− 7,2	+ 5,80	+12,8	+2	+2			
Aug. 8	+2,582	−10,6	+ 6,97	+10,5	+2	+2			
18	+2,460	−13,6	+ 7,90	+ 8,1	+2	+2			
28	+2,311	−15,9	+ 8,59	+ 5,6	+3	+2			
Sept. 7	+2,142	−17,5	+ 9,01	+ 2,9	+3	+2			
17	+1,961	−18,2	+ 9,17	+ 0,2	+3	+3			
27	+1,778	−18,0	+ 9,04	− 2,7	+3	+3			
Oct. 7	+1,602	−16,8	+ 8,64	− 5,5	+3	+3			
17	+1,443	−14,6	+ 7,95	− 8,3	+2	+3			
27	+1,310	−11,7	+ 6,98	−11,1	+2	+4			
Nov. 6	+1,210	− 7,9	+ 5,73	−13,8	+2	+4			
16	+1,152	− 2,2	+ 4,22	−16,3	+2	+4			
26	+1,138	+ 1,0	+ 2,47	−18,5	+1	+4			
Dec. 6	+1,172	+ 5,8	+ 0,52	−20,4	+1	+5			
16	+1,254	+10,5	− 1,60	−21,7	0	+5			
26	+1,382	+14,8	− 3,81	−22,2	0	+5			
36	+1,550	+18,7	− 6,04	−22,2	−1	+5			

Diei reducto addendum est:

ante } Dec. 14 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Lyrae.*

		h ′ ″	° ′ ″
1830	Jan. 0	18 31 10,961	+38 37 56,33
	Apr. 10	10,897	56,11
	Jul. 19	10,835	55,81
	Oct. 27	10,774	55,44
	Dec. 66	10,715	54,99
1831	Jan. 0	18 31 12,764	+38 37 58,14
	Apr. 10	12,705	57,65
	Jul. 19	12,651	57,11
	Oct. 27	12,599	56,51
	Dec. 66	12,550	55,85
1832	Jan. 1	18 31 14,596	+38 37 59,07
	Apr. 10	14,550	58,39
	Jul. 19	14,509	57,67
	Oct. 27	14,473	56,91
	Dec. 66	14,441	56,12
1833	Jan. 0	18 31 16,481	+38 37 59,39
	Apr. 10	16,453	58,59
	Jul. 19	16,430	57,78
	Oct. 27	16,413	57,95
	Dec. 66	16,402	56,12
1834	Jan. 0	18 31 18,435	+38 37 59,40
	Apr. 10	18,427	58,58
	Jul. 19	18,425	57,77
	Oct. 27	18,429	56,98
	Dec. 66	18,438	56,20
1835	Jan. 0	18 31 20,464	+38 37 59,46
	Apr. 10	20,478	58,71
	Jul. 19	20,496	57,99
	Oct. 27	20,520	57,31
	Dec. 66	20,549	56,68
1836	Jan. 1	18 31 22,568	+38 37 59,89
	Apr. 10	22,601	59,29
	Jul. 19	22,637	58,75
	Oct. 27	22,678	58,26
	Dec. 66	22,722	57,83
1837	Jan. 0	18 31 24,737	+38 38 0,97
	Apr. 10	24,784	0,59
	Jul. 19	24,834	0,27
	Oct. 27	24,887	0,02
	Dec. 66	24,943	37 59,83
1838	Jan. 0	18 31 26,955	+38 38 2,90
	Apr. 10	27,012	2,77
	Jul. 19	27,070	2,71
	Oct. 27	27,129	2,72
	Dec. 66	27,190	2,80
1839	Jan. 0	18 31 29,200	+38 38 5,78
	Apr. 10	29,261	5,92
	Jul. 19	29,322	6,12
	Oct. 27	29,381	6,40
	Dec. 66	29,440	6,74
1840	Jan. 1	18 31 31,451	+38 38 9,63
	Apr. 10	31,510	10,02
	Jul. 19	31,566	10,47
	Oct. 27	31,620	10,97
	Dec. 66	31,672	11,54
1841	Jan. 0	18 31 33,685	+38 38 14,36
	Apr. 10	33,735	14,96
	Jul. 19	33,781	15,61
	Oct. 27	33,824	16,30
	Dec. 66	33,863	17,03
1842	Jan. 0	18 31 35,879	+38 38 19,80
	Apr. 10	35,915	20,56
	Jul. 19	35,946	21,33
	Oct. 27	35,972	22,13
	Dec. 66	35,992	22,94
1843	Jan. 0	18 31 38,016	+38 38 25,69
	Apr. 10	38,033	26,52
	Jul. 19	38,044	27,34
	Oct. 27	38,050	28,15
	Dec. 66	38,050	28,96
1844	Jan. 1	18 31 40,081	+38 38 31,72
	Apr. 10	40,077	32,52
	Jul. 19	40,067	33,30
	Oct. 27	40,052	34,04
	Dec. 66	40,031	34,76
1845	Jan. 0	18 31 42,069	+38 38 37,56
	Apr. 10	42,044	38,25
	Jul. 19	42,014	38,88
	Oct. 27	41,979	39,46
	Dec. 66	41,939	39,99
1846	Jan. 0	18 31 43,983	+38 38 42,86
	Apr. 10	43,940	43,35
	Jul. 19	43,893	43,77
	Oct. 27	43,842	44,12
	Dec. 66	43,787	44,40
1847	Jan. 0	18 31 45,836	+38 38 47,35
	Apr. 10	45,780	47,58
	Jul. 19	45,721	47,74
	Oct. 27	45,660	47,82
	Dec. 66	45,597	47,82
1848	Jan. 1	18 31 47,649	+38 38 50,87
	Apr. 10	47,586	50,81
	Jul. 19	47,522	50,68
	Oct. 27	47,459	50,47
	Dec. 66	47,395	50,19
1849	Jan. 0	18 31 49,446	+38 38 53,33
	Apr. 10	49,383	53,00
	Jul. 19	49,323	52,60
	Oct. 27	49,265	52,13
	Dec. 66	49,209	51,59

Tabulae X. Sect. V. *α Lyrae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−1,702	+ 8,7	− 0,81	−31,2	0	+2	1830	18 31 10,9810	+38 37 47,534
10	−1,589	+13,7	− 3,93	−30,8	−1	+2	1831	31 13,0110	37 50,526
20	−1,428	+18,3	− 6,97	−29,4	−1	+2	1832	31 15,0411	37 53,521
30	−1,224	+22,3	− 9,81	−26,9	−1	+2	1833	31 17,0712	37 56,519
Febr. 9	−0,982	+25,8	−12,34	−23,3	−2	+2	1834	31 19,1013	37 59,521
							1835	31 21,1314	38 2,525
19	−0,709	+28,6	−14,47	−18,9	−2	+2	1836	31 23,1615	38 5,532
Mart. 1	−0,410	+30,8	−16,12	−13,7	−2	+1	1837	31 25,1916	38 8,541
11	−0,093	+32,3	−17,21	− 8,0	−2	+1	1838	31 27,2218	38 11,554
21	+0,236	+33,2	−17,72	− 2,1	−2	+1	1839	31 29,2520	38 14,569
31	+0,571	+33,4	−17,63	+ 3,8	−2	0	1840	31 31,2821	38 17,588
							1841	31 33,3123	38 20,610
Apr. 10	+0,903	+32,8	−16,96	+ 9,5	−2	0	1842	31 35,3425	38 23,634
20	+1,227	+31,7	−15,73	+14,9	−2	0	1843	31 37,3727	38 26,662
30	+1,536	+29,9	−14,00	+19,5	−2	0	1844	31 39,4029	38 29,692
Maj. 10	+1,824	+27,4	−11,83	+23,4	−2	0	1845	31 41,4332	38 32,725
20	+2,084	+24,4	− 9,32	+26,5	−1	0	1846	31 43,4635	38 35,761
							1847	31 45,4938	38 38,800
30	+2,311	+20,8	− 6,54	+28,7	−1	0	1848	31 47,5241	38 41,842
Jun. 9	+2,499	+16,6	− 3,58	+30,1	0	0	1849	31 49,5544	38 44,886
19	+2,643	+12,1	− 0,53	+30,5	0	0	1850	31 51,5847	38 47,934
29	+2,741	+ 7,4	+ 2,52	+30,1	0	0			
Jul. 9	+2,790	+ 2,3	+ 5,49	+29,0	+1	0			
19	+2,787	− 2,8	+ 8,32	+27,2	+1	0			
29	+2,735	− 7,6	+10,93	+24,8	+1	0			
Aug. 8	+2,635	−12,2	+13,27	+21,9	+2	+1			
18	+2,491	−16,4	+15,30	+18,5	+2	+1			
28	+2,307	−20,0	+16,96	+14,7	+2	+1			
Sept. 7	+2,092	−22,8	+18,24	+10,7	+2	+1			
17	+1,852	−24,7	+19,09	+ 6,4	+2	+2			
27	+1,599	−25,5	+19,51	+ 2,0	+2	+2			
Oct. 7	+1,342	−25,4	+19,48	− 2,7	+2	+3			
17	+1,092	−24,2	+18,98	− 7,3	+2	+3			
27	+0,859	−22,0	+18,02	−11,8	+2	+3			
Nov. 6	+0,653	−18,8	+16,62	−16,2	+2	+4			
16	+0,484	−14,8	+14,79	−20,3	+2	+4			
26	+0,358	−10,2	+12,57	−23,9	+1	+4			
Dec. 6	+0,281	− 5,2	+10,01	−27,0	+1	+5			
16	+0,255	+ 0,2	+ 7,17	−29,3	+1	+5			
26	+0,284	+ 5,5	+ 4,15	−30,7	0	+5			
36	+0,365	+10,6	+ 1,03	−31,2	0	+5			

Diei reducto addendum est:

ante } Dec. 28 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *γ Aquilae.*

		h	′	″	°	′	″
1830	Jan. 0	19	38	10,572	+10	12	24,86
	Apr. 10			10,481			24,47
	Jul. 19			10,394			24,02
	Oct. 27			10,309			23,51
	Dec. 66			10,227			22,93
1831	Jan. 0	19	38	13,109	+10	12	31,46
	Apr. 10			13,029			30,85
	Jul. 19			12,953			30,20
	Oct. 27			12,883			29,51
	Dec. 66			12,817			28,78
1832	Jan. 1	19	38	15,693	+10	12	37,36
	Apr. 10			15,632			36,61
	Jul. 19			15,577			35,84
	Oct. 27			15,529			35,06
	Dec. 66			15,488			34,26
1833	Jan. 0	19	38	18,356	+10	12	42,86
	Apr. 10			18,320			42,06
	Jul. 19			18,292			41,27
	Oct. 27			18,272			40,49
	Dec. 66			18,260			39,71
1834	Jan. 0	19	38	21,118	+10	12	48,30
	Apr. 10			21,112			47,53
	Jul. 19			21,113			46,80
	Oct. 27			21,123			46,10
	Dec. 66			21,140			45,44
1835	Jan. 0	19	38	23,988	+10	12	54,00
	Apr. 10			24,011			53,36
	Jul. 19			24,041			52,77
	Oct. 27			24,078			52,23
	Dec. 66			24,122			51,75
1836	Jan. 1	19	38	26,962	+10	13	9,25
	Apr. 10			27,011		12	59,80
	Jul. 19			27,065			59,42
	Oct. 27			27,125			59,10
	Dec. 66			27,191			58,84
1837	Jan. 0	19	38	30,023	+10	13	7,27
	Apr. 10			30,093			7,06
	Jul. 19			30,166			6,92
	Oct. 27			30,243			6,85
	Dec. 66			30,323			6,85
1838	Jan. 0	19	38	33,150	+10	13	15,20
	Apr. 10			33,236			15,25
	Jul. 19			33,316			15,36
	Oct. 27			33,401			15,55
	Dec. 66			33,486			15,80
1839	Jan. 0	19	38	36,312	+10	13	24,06
	Apr. 10			36,398			24,36
	Jul. 19			36,483			24,72
	Oct. 27			36,567			25,14
	Dec. 66			36,650			25,62
1840	Jan. 1	19	38	39,477	+10	13	33,81
	Apr. 10			39,558			34,33
	Jul. 19			39,636			34,90
	Oct. 27			39,710			35,51
	Dec. 66			39,781			36,17
1841	Jan. 0	19	38	42,613	+10	13	44,31
	Apr. 10			42,680			44,99
	Jul. 19			42,742			45,70
	Oct. 27			42,799			46,44
	Dec. 66			42,850			47,21
1842	Jan. 0	19	38	45,688	+10	13	55,32
	Apr. 10			45,735			56,10
	Jul. 19			45,774			56,88
	Oct. 27			45,806			57,67
	Dec. 66			45,831			58,46
1843	Jan. 0	19	38	48,678	+10	14	6,57
	Apr. 10			48,698			7,35
	Jul. 19			48,710			8,12
	Oct. 27			48,714			8,87
	Dec. 66			48,709			9,60
1844	Jan. 1	19	38	51,567	+10	14	17,74
	Apr. 10			51,557			18,44
	Jul. 19			51,539			19,10
	Oct. 27			51,515			19,72
	Dec. 66			51,479			20,30
1845	Jan. 0	19	38	54,346	+10	14	28,49
	Apr. 10			54,307			29,03
	Jul. 19			54,261			29,51
	Oct. 27			54,208			29,93
	Dec. 66			54,148			30,29
1846	Jan. 0	19	38	57,024	+10	14	38,56
	Apr. 10			56,959			38,87
	Jul. 19			56,890			39,11
	Oct. 27			56,816			39,28
	Dec. 66			56,737			39,37
1847	Jan. 0	19	38	59,618	+10	14	47,73
	Apr. 10			59,536			47,77
	Jul. 19			59,452			47,74
	Oct. 27			59,365			47,63
	Dec. 66			59,275			47,45
1848	Jan. 1	19	39	2,160	+10	14	55,91
	Apr. 10			2,070			55,67
	Jul. 19			1,980			55,37
	Oct. 27			1,891			55,00
	Dec. 66			1,803			54,56
1849	Jan. 0	19	39	4,687	+10	15	3,10
	Apr. 10			4,600			2,62
	Jul. 19			4,516			2,08
	Oct. 27			4,435			1,49
	Dec. 66			4,358			0,85

Tabulae X. Sect. V. *γ Aquilae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	−1″,290	+ 5,1	+ 0″,14	−17,1	+1	+1	1830	19 38 10,6455	+10 12 17,022
10	−1,222	+ 8,6	− 1,59	−17,3	0	+1	1831	38 13,5004	12 25,348
20	−1,118	+12,1	− 3,32	−16,9	0	+1	1832	38 16,3553	12 33,678
30	−0,980	+15,3	− 4,97	−15,8	−1	+1	1833	38 19,2102	12 42,011
Febr. 9	−0,812	+18,2	− 6,47	−13,9	−1	+1	1834	38 22,0651	12 50,348
							1835	38 24,9199	12 58,688
19	−0,616	+20,9	− 7,74	−11,3	−2	+1	1836	38 27,7748	13 7,033
Mart. 1	−0,395	+23,2	− 8,72	− 8,2	−2	+1	1837	38 30,6296	13 15,381
11	−0,153	+25,1	− 9,37	− 4,7	−2	+1	1838	38 33,4844	13 23,733
21	+0,107	+26,7	− 9,65	− 0,9	−2	+1	1839	38 36,3392	13 32,089
31	+0,381	+28,0	− 9,54	+ 3,1	−3	0	1840	38 39,1940	13 40,449
							1841	38 42,0488	13 48,813
Apr. 10	+0,667	+28,9	− 9,04	+ 6,9	−3	0	1842	38 44,9036	13 57,180
20	+0,959	+29,3	− 8,16	+10,5	−3	0	1843	38 47,7584	14 5,551
30	+1,252	+29,2	− 6,95	+13,6	−3	0	1844	38 50,6132	14 13,926
Maj. 10	+1,542	+28,6	− 5,44	+16,4	−2	0	1845	38 53,4679	14 22,304
20	+1,823	+27,3	− 3,68	+18,5	−2	0	1846	38 56,3227	14 30,686
							1847	38 59,1775	14 39,072
30	+2,088	+25,4	− 1,74	+20,0	−2	+1	1848	39 2,0322	14 47,462
Jun. 9	+2,331	+22,9	+ 0,31	+20,9	−1	+1	1849	39 4,8869	14 55,856
19	+2,545	+19,8	+ 2,43	+21,1	−1	+1	1850	39 7,7416	15 4,253
29	+2,727	+16,3	+ 4,53	+20,8	−1	+1			
Jul. 9	+2,870	+12,3	+ 6,58	+20,0	0	+1			
19	+2,972	+ 8,0	+ 8,53	+18,7	0	+1			
29	+3,029	+ 3,6	+10,32	+17,1	0	+2			
Aug. 8	+3,043	− 0,9	+11,94	+15,2	+1	+2			
18	+3,012	− 5,1	+13,35	+13,0	+1	+2			
28	+2,941	− 8,9	+14,53	+ 5,7	+2	+2			
Sept. 7	+2,834	−12,2	+15,48	+ 8,3	+2	+3			
17	+2,698	−14,7	+16,18	+ 5,7	+2	+3			
27	+2,540	−16,5	+16,62	+ 3,2	+2	+3			
Oct. 7	+2,369	−17,3	+16,81	+ 0,6	+3	+3			
17	+2,195	−17,2	+16,74	− 2,0	+3	+4			
27	+2,026	−16,2	+16,41	− 4,6	+3	+4			
Nov. 6	+1,871	−14,3	+15,83	− 7,1	+3	+4			
16	+1,739	−11,8	+15,00	− 9,5	+2	+4			
26	+1,636	− 8,6	+13,93	−11,8	+2	+4			
Dec. 6	+1,567	− 5,1	+12,65	−13,8	+2	+5			
16	+1,534	− 1,3	+11,18	−15,5	+1	+5			
26	+1,541	+ 2,6	+ 9,56	−16,6	+1	+5			
36	+1,586	+ 6,4	+ 7,86	−17,3	0	+5			

Diei reducto addendum est:

ante / post } Jan. 12 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Aquilae.*

		h ′ ″	° ′ ″
1830	Jan. 0	19 42 29,198	+ 8 25 38,65
	Apr. 10	29,107	38,25
	Jul. 19	29,018	37,79
	Oct. 27	28,932	37,27
	Dec. 66	28,849	36,69
1831	Jan. 0	19 42 31,805	+ 8 25 45,92
	Apr. 10	31,723	45,31
	Jul. 19	31,647	44,67
	Oct. 27	31,576	43,97
	Dec. 66	31,511	43,24
1832	Jan. 1	19 42 34,460	+ 8 25 52,54
	Apr. 10	34,399	51,79
	Jul. 19	34,344	51,02
	Oct. 27	34,296	50,24
	Dec. 66	34,255	49,44
1833	Jan. 0	19 42 37,196	+ 8 25 58,75
	Apr. 10	37,161	57,95
	Jul. 19	37,133	57,16
	Oct. 27	37,113	56,38
	Dec. 66	37,101	55,61
1834	Jan. 0	19 42 40,033	+ 8 26 4,92
	Apr. 10	40,027	4,16
	Jul. 19	40,029	3,44
	Oct. 27	40,039	2,75
	Dec. 66	40,058	2,09
1835	Jan. 0	19 42 42,979	+ 8 26 11,36
	Apr. 10	43,003	10,78
	Jul. 19	43,034	10,16
	Oct. 27	43,072	9,68
	Dec. 66	43,117	9,16
1836	Jan. 1	19 42 46,030	+ 8 26 18,37
	Apr. 10	46,080	17,94
	Jul. 19	46,136	17,58
	Oct. 27	46,198	17,26
	Dec. 66	46,265	17,01
1837	Jan. 0	19 42 49,170	+ 8 26 26,15
	Apr. 10	49,241	25,95
	Jul. 19	49,315	25,82
	Oct. 27	49,394	25,77
	Dec. 66	49,477	25,78
1838	Jan. 0	19 42 52,377	+ 8 26 34,84
	Apr. 10	52,460	34,90
	Jul. 19	52,544	35,02
	Oct. 27	52,630	35,22
	Dec. 66	52,717	35,48
1839	Jan. 0	19 42 55,616	+ 8 26 44,46
	Apr. 10	55,703	44,77
	Jul. 19	55,789	45,14
	Oct. 27	55,874	45,56
	Dec. 66	55,957	46,05
1840	Jan. 1	19 42 58,858	+ 8 26 54,96
	Apr. 10	58,940	55,49
	Jul. 19	59,019	56,06
	Oct. 27	59,094	56,68
	Dec. 66	59,165	57,34
1841	Jan. 0	19 43 2,070	+ 8 27 6,19
	Apr. 10	2,139	6,88
	Jul. 19	2,201	7,59
	Oct. 27	2,258	8,33
	Dec. 66	2,308	9,10
1842	Jan. 0	19 43 5,220	+ 8 27 17,93
	Apr. 10	5,267	18,70
	Jul. 19	5,307	19,48
	Oct. 27	5,339	20,27
	Dec. 66	5,363	21,06
1843	Jan. 0	19 43 8,284	+ 8 27 29,88
	Apr. 10	8,304	30,67
	Jul. 19	8,315	31,43
	Oct. 27	8,318	32,17
	Dec. 66	8,313	32,89
1844	Jan. 1	19 43 11,244	+ 8 27 41,74
	Apr. 10	11,234	42,44
	Jul. 19	11,215	43,09
	Oct. 27	11,188	43,70
	Dec. 66	11,153	44,27
1845	Jan. 0	19 43 14,094	+ 8 27 53,19
	Apr. 10	14,053	53,72
	Jul. 19	14,006	54,19
	Oct. 27	13,952	54,60
	Dec. 66	13,891	54,94
1846	Jan. 0	19 43 16,840	+ 8 28 3,93
	Apr. 10	16,775	4,23
	Jul. 19	16,704	4,46
	Oct. 27	16,629	4,61
	Dec. 66	16,548	4,69
1847	Jan. 0	19 43 19,504	+ 8 28 13,78
	Apr. 10	19,420	13,81
	Jul. 19	19,334	13,76
	Oct. 27	19,246	13,64
	Dec. 66	19,155	13,44
1848	Jan. 1	19 43 22,114	+ 8 28 22,62
	Apr. 10	22,023	22,36
	Jul. 19	21,932	22,06
	Oct. 27	21,842	21,68
	Dec. 66	21,752	21,23
1849	Jan. 0	19 43 24,710	+ 8 28 30,50
	Apr. 10	24,622	30,01
	Jul. 19	24,537	29,46
	Oct. 27	24,455	28,86
	Dec. 66	24,377	28,21

Tabulae X. Sect. V. *α Aquilae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−1,276	+ 4,8	+ 0,04	−16,0	+1	+1	1830	19 42 29,2798	+ 8 25 30,898
10	−1,210	+ 8,5	− 1,59	−16,2	0	+1	1831	42 32,2083	25 39,940
20	−1,107	+11,9	− 3,20	−15,8	0	+1	1832	42 35,1368	25 48,986
30	−0,972	+15,1	− 4,74	−14,6	−1	+1	1833	42 38,0653	25 58,034
Febr. 9	−0,806	+18,0	− 6,12	−12,8	−1	+1	1834	42 40,9938	26 7,089
							1835	42 43,9224	26 16,146
19	−0,612	+20,6	− 7,30	−10,4	−2	+1	1836	42 46,8509	26 25,207
Mart. 1	−0,394	+22,9	− 8,20	− 7,4	−2	+1	1837	42 49,7794	26 34,272
11	−0,154	+24,9	− 8,77	− 4,0	−2	+1	1838	42 52,7078	26 43,341
21	+0,104	+26,6	− 8,99	− 0,4	−3	0	1839	42 55,6362	26 52,414
31	+0,378	+28,0	− 8,84	+ 3,4	−3	0	1840	42 58,5645	27 1,490
							1841	43 1,4929	27 10,570
Apr. 10	+0,663	+28,9	− 8,31	+ 7,1	−3	0	1842	43 4,4213	27 19,654
20	+0,955	+29,4	− 7,42	+10,6	−3	0	1843	43 7,3497	27 28,742
30	+1,250	+29,4	− 6,20	+13,6	−3	0	1844	43 10,2781	27 37,834
Maj. 10	+1,542	+28,8	− 4,71	+16,1	−2	0	1845	43 13,2064	27 46,930
20	+1,825	+27,6	− 2,98	+18,2	−2	0	1846	43 16,1347	27 56,030
							1847	43 19,0630	28 5,133
30	+2,094	+25,8	− 1,08	+19,6	−2	+1	1848	43 21,9913	28 14,240
Jun. 9	+2,341	+23,4	+ 0,93	+20,3	−2	+1	1849	43 24,9196	28 23,351
19	+2,561	+20,4	+ 2,98	+20,5	−1	+1	1850	43 27,8478	28 32,466
29	+2,748	+16,8	+ 5,03	+20,2	−1	+1			
Jul. 9	+2,897	+12,9	+ 7,01	+19,3	0	+1			
19	+3,005	+ 8,6	+ 8,89	+18,1	0	+2			
29	+3,069	+ 4,2	+10,62	+16,4	0	+2			
Aug. 8	+3,089	− 0,2	+12,17	+14,5	+1	+2			
18	+3,065	− 4,5	+13,52	+12,4	+1	+2			
28	+3,000	− 8,3	+14,65	+10,2	+2	+3			
Sept. 7	+2,899	−11,7	+15,56	+ 7,9	+2	+3			
17	+2,767	−14,3	+16,22	+ 5,4	+2	+3			
27	+2,614	−16,0	+16,64	+ 3,0	+2	+3			
Oct. 7	+2,447	−16,9	+16,82	+ 0,6	+3	+4			
17	+2,276	−16,9	+16,76	− 1,8	+3	+4			
27	+2,110	−15,9	+16,46	− 4,2	+3	+4			
Nov. 6	+1,958	−14,2	+15,92	− 6,6	+3	+4			
16	+1,827	−11,7	+15,15	− 8,8	+2	+4			
26	+1,725	− 8,6	+14,16	−11,0	+2	+4			
Dec. 6	+1,656	− 5,1	+12,96	−12,8	+2	+5			
16	+1,623	− 1,4	+11,60	−14,4	+1	+5			
26	+1,629	+ 2,4	+10,09	−15,5	+1	+5			
36	+1,672	+ 6,2	+ 8,50	−16,1	0	+5			

Diei reducto addendum est:

ante } Jan. 13 { 0
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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. β *Aquilae.*

		α			δ					α			δ			
1830	Jan. 0	19	46	57,681	+	5	59	23,56	1840	Jan. 1	19	47	27,584	+	6	0	34,92
	Apr. 10			57,589				23,15		Apr. 10			27,667				35,45
	Jul. 19			57,499				22,69		Jul. 19			27,747				36,03
	Oct. 27			57,412				22,16		Oct. 27			27,823				36,65
	Dec. 66			57,327				21,57		Dec. 66			27,895				37,32
1831	Jan. 0	19	47	0,305	+	5	59	30,30	1841	Jan. 0	19	47	30,821	+	6	0	45,66
	Apr. 10			0,223				29,68		Apr. 10			30,890				46,35
	Jul. 19			0,146				29,03		Jul. 19			30,953				47,07
	Oct. 27			0,074				28,33		Oct. 27			31,010				47,81
	Dec. 66			0,007				27,59		Dec. 66			31,061				48,58
1832	Jan. 1	19	47	2,979	+	5	59	36,37	1842	Jan. 0	19	47	33,994	+	6	0	56,89
	Apr. 10			2,918				35,62		Apr. 10			34,041				57,66
	Jul. 19			2,862				34,85		Jul. 19			34,080				58,44
	Oct. 27			2,814				34,07		Oct. 27			34,112				59,22
	Dec. 66			2,773				33,28		Dec. 66			34,136			1	0,01
1833	Jan. 0	19	47	5,735	+	5	59	42,08	1843	Jan. 0	19	47	37,079	+	6	1	8,32
	Apr. 10			5,700				41,28		Apr. 10			37,098				9,10
	Jul. 19			5,673				40,49		Jul. 19			37,103				9,85
	Oct. 27			5,654				39,72		Oct. 27			37,110				10,58
	Dec. 66			5,643				38,95		Dec. 66			37,104				11,29
1834	Jan. 0	19	47	8,596	+	5	59	47,74	1844	Jan. 1	19	47	40,057	+	6	1	19,64
	Apr. 10			8,591				46,99		Apr. 10			40,045				20,33
	Jul. 19			8,594				46,28		Jul. 19			40,025				20,97
	Oct. 27			8,605				45,60		Oct. 27			39,997				21,57
	Dec. 66			8,625				44,95		Dec. 66			39,960				22,13
1835	Jan. 0	19	47	11,568	+	5	59	53,70	1845	Jan. 0	19	47	42,923	+	6	1	30,53
	Apr. 10			11,593				53,08		Apr. 10			42,881				31,05
	Jul. 19			11,625				52,51		Jul. 19			42,832				31,50
	Oct. 27			11,665				52,00		Oct. 27			42,776				31,90
	Dec. 66			11,712				51,54		Dec. 66			42,713				32,23
1836	Jan. 1	19	47	14,645	+	6	0	0,23	1846	Jan. 0	19	47	45,685	+	6	1	40,71
	Apr. 10			14,697		5	59	59,81		Apr. 10			45,618				41,00
	Jul. 19			14,755				59,45		Jul. 19			45,545				41,21
	Oct. 27			14,819				59,15		Oct. 27			45,468				41,35
	Dec. 66			14,888				58,92		Dec. 66			45,385				41,41
1837	Jan. 0	19	47	17,814	+	6	0	7,54	1847	Jan. 0	19	47	48,363	+	6	1	49,99
	Apr. 10			17,886				7,36		Apr. 10			48,277				50,01
	Jul. 19			17,962				7,24		Jul. 19			48,189				49,95
	Oct. 27			18,042				7,20		Oct. 27			48,099				49,82
	Dec. 66			18,125				7,22		Dec. 66			48,007				49,61
1838	Jan. 0	19	47	21,047	+	6	0	15,76	1848	Jan. 1	19	47	50,988	+	6	1	58,27
	Apr. 10			21,133				15,83		Apr. 10			50,895				58,01
	Jul. 19			21,219				15,97		Jul. 19			50,802				57,69
	Oct. 27			21,307				16,18		Oct. 27			50,711				57,29
	Dec. 66			21,395				16,45		Dec. 66			50,620				56,83
1839	Jan. 0	19	47	24,315	+	6	0	24,91	1849	Jan. 0	19	47	53,600	+	6	2	5,59
	Apr. 10			24,404				25,23		Apr. 10			53,510				5,09
	Jul. 19			24,492				25,60		Jul. 19			53,424				4,54
	Oct. 27			24,578				26,04		Oct. 27			53,341				3,94
	Dec. 66			24,662				26,54		Dec. 66			53,262				3,28

Tabulae X. Sect. V. *β Aquilae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	−1″,262	+ 4,5	− 0″,19	−14,8	+1	+1	1830	19 46 57″,7754	+ 5 59 15″,906
10	−1,198	+ 8,2	− 1,69	−14,9	0	+1	1831	47 0,7254	59 24,433
20	−1,099	+11,6	− 3,17	−14,5	0	+1	1832	47 3,6754	59 32,964
30	−0,967	+14,7	− 4,58	−13,5	−1	+1	1833	47 6,6254	59 41,498
Febr. 9	−0,805	+17,6	− 5,86	−11,8	−1	+1	1834	47 9,5754	59 50,036
							1835	47 12,5255	59 58,578
19	−0,615	+20,2	− 6,93	− 9,4	−2	+1	1836	47 15,4755	6 0 7,123
Mart. 1	−0,401	+22,5	− 7,74	− 6,6	−2	+1	1837	47 18,4255	0 15,673
11	−0,165	+24,6	− 8,25	− 3,4	−2	+1	1838	47 21,3754	0 24,225
21	+0,091	+26,4	− 8,42	+ 0,1	−3	0	1839	47 24,3253	0 32,782
31	+0,362	+27,7	− 8,23	+ 3,7	−3	0	1840	47 27,2751	0 41,342
							1841	47 30,2250	0 49,906
Apr. 10	+0,644	+28,7	− 7,70	+ 7,1	−3	0	1842	47 33,1749	0 58,474
20	+0,935	+29,3	− 6,82	+10,3	−3	0	1843	47 36,1248	1 7,045
30	+1,230	+29,4	− 5,64	+13,1	−3	0	1844	47 39,0746	1 15,620
Maj. 10	+1,522	+28,9	− 4,20	+15,5	−2	0	1845	47 42,0244	1 24,199
20	+1,807	+27,8	− 2,55	+17,3	−2	0	1846	47 44,9742	1 32,781
							1847	47 47,9240	1 41,367
30	+2,077	+26,0	− 0,74	+18,6	−2	+1	1848	47 50,8738	1 49,957
Jun. 9	+2,327	+23,7	+ 1,16	+19,2	−2	+1	1849	47 53,8236	1 58,550
19	+2,551	+20,8	+ 3,10	+19,3	−1	+1	1850	47 56,7733	2 7,147
29	+2,742	+17,3	+ 5,02	+18,9	−1	+1			
Jul. 9	+2,897	+13,4	+ 6,87	+18,0	−1	+1			
19	+3,009	+ 9,1	+ 8,62	+16,7	0	+2			
29	+3,079	+ 4,8	+10,21	+15,1	0	+2			
Aug. 8	+3,104	+ 0,3	+11,63	+13,2	+1	+2			
18	+3,085	− 4,0	+12,85	+11,2	+1	+2			
28	+3,025	− 7,9	+13,86	+ 9,0	+1	+3			
Sept. 7	+2,928	−11,3	+14,65	+ 6,8	+2	+3			
17	+2,800	−13,9	+15,22	+ 4,6	+2	+3			
27	+2,651	−15,8	+15,57	+ 2,4	+2	+3			
Oct. 7	+2,486	−16,8	+15,69	+ 0,1	+2	+3			
17	+2,317	−16,7	+15,59	− 2,1	+3	+4			
27	+2,153	−15,8	+15,28	− 4,2	+3	+4			
Nov. 6	+2,001	−14,2	+14,75	− 6,4	+3	+4			
16	+1,870	−11,7	+14,01	− 8,4	+2	+4			
26	+1,768	− 8,6	+13,07	−10,3	+2	+4			
Dec. 6	+1,698	− 5,3	+11,96	−11,9	+2	+4			
16	+1,663	− 1,6	+10,69	−13,4	+1	+4			
26	+1,667	+ 2,3	+ 9,29	−14,4	+1	+4			
36	+1,708	+ 5,9	+ 7,81	−14,9	0	+4			

Diei reducto addendum est:

ante / post } Jan. 14 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 1*a Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	20 8 12,947	— 13 1 32,39	1840	Jan. 1	20 8 46,930	—12 59 58,99
	Apr. 10	12,844	32,84		Apr. 10	47,021	58,43
	Jul. 19	12,745	33,35		Jul. 19	47,106	57,83
	Oct. 27	12,650	33,91		Oct. 27	47,187	57,19
	Dec. 66	12,558	34,53		Dec. 66	47,262	56,50
1831	Jan. 0	20 8 15,921	— 13 1 23,69	1841	Jan. 0	20 8 50,569	—12 59 46,07
	Apr. 10	15,833	24,33		Apr. 10	50,641	45,36
	Jul. 19	15,752	25,01		Jul. 19	50,705	44,64
	Oct. 27	15,677	25,72		Oct. 27	50,762	43,90
	Dec. 66	15,609	26,47		Dec. 66	50,812	43,14
1832	Jan. 1	20 8 18,963	— 13 1 15,59	1842	Jan. 0	20 8 54,128	—12 59 32,72
	Apr. 10	18,900	16,35		Apr. 10	54,172	31,95
	Jul. 19	18,846	17,11		Jul. 19	54,207	31,19
	Oct. 27	18,800	17,89		Oct. 27	54,234	30,43
	Dec. 66	18,763	18,67		Dec. 66	54,252	29,67
1833	Jan. 0	20 8 22,107	— 13 1 7,77	1843	Jan. 0	20 8 57,579	—12 59 19,25
	Apr. 10	22,076	8,55		Apr. 10	57,590	18,50
	Jul. 19	22,054	9,31		Jul. 19	57,592	17,78
	Oct. 27	22,042	10,06		Oct. 27	57,585	17,08
	Dec. 66	22,040	10,80		Dec. 66	57,568	16,41
1834	Jan. 0	20 8 25,372	— 13 0 59,92	1844	Jan. 1	20 9 0,907	—12 59 5,95
	Apr. 10	25,376	1 0,63		Apr. 10	0,884	5,31
	Jul. 19	25,389	1,31		Jul. 19	0,852	4,71
	Oct. 27	25,411	1,94		Oct. 27	0,811	4,17
	Dec. 66	25,443	2,54		Dec. 66	0,760	3,67
1835	Jan. 0	20 8 28,764	— 13 0 51,71	1845	Jan. 0	20 9 4,110	—12 58 53,14
	Apr. 10	28,802	52,28		Apr. 10	4,054	52,68
	Jul. 19	28,847	52,79		Jul. 19	3,990	52,29
	Oct. 27	28,901	53,25		Oct. 27	3,919	51,95
	Dec. 66	28,962	53,65		Dec. 66	3,841	51,68
1836	Jan. 1	20 8 32,273	— 13 0 42,88	1846	Jan. 0	20 9 7,199	—12 58 41,08
	Apr. 10	32,340	43,24		Apr. 10	7,116	40,86
	Jul. 19	32,412	43,54		Jul. 19	7,028	40,71
	Oct. 27	32,490	43,77		Oct. 27	6,935	40,63
	Dec. 66	32,574	43,94		Dec. 66	6,838	40,63
1837	Jan. 0	20 8 35,878	— 13 0 33,24	1847	Jan. 0	20 9 10,202	—12 58 29,93
	Apr. 10	35,965	33,36		Apr. 10	10,102	29,97
	Jul. 19	36,056	33,42		Jul. 19	10,000	30,09
	Oct. 27	36,150	33,40		Oct. 27	9,896	30,28
	Dec. 66	36,247	33,32		Dec. 66	9,791	30,55
1838	Jan. 0	20 8 39,546	— 13 0 22,70	1848	Jan. 1	20 9 13,157	—12 58 19,76
	Apr. 10	39,645	22,57		Apr. 10	13,051	20,07
	Jul. 19	39,745	22,38		Jul. 19	12,948	20,44
	Oct. 27	39,845	22,12		Oct. 27	12,846	20,88
	Dec. 66	39,945	21,80		Dec. 66	12,745	21,38
1839	Jan. 0	20 8 43,243	— 13 0 11,26	1849	Jan. 0	20 9 16,109	—12 58 10,51
	Apr. 10	43,343	10,90		Apr. 10	16,011	11,04
	Jul. 19	43,441	10,48		Jul. 19	15,917	11,63
	Oct. 27	43,536	10,00		Oct. 27	15,829	12,26
	Dec. 66	43,629	9,47		Dec. 66	15,745	12,94

Tabulae X. Sect. V. 1*a* *Capricorni*.

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,246	+ 3,9	− 2,58	− 3,5	+1	−1	1830	20 8 13,1594	−13 1 39,571
10	−1,189	+ 7,5	− 2,92	− 3,2	+1	−1	1831	8 16,4921	1 28,946
20	−1,097	+10,9	− 3,21	− 2,5	0	−1	1832	8 19,8247	1 18,318
30	−0,971	+14,1	− 3,42	− 1,6	0	−1	1833	8 23,1572	1 7,685
Febr. 9	−0,815	+17,0	− 3,53	− 0,5	−1	−1	1834	8 26,4896	0 57,048
							1835	8 29,8219	0 46,407
19	−0,631	+19,7	− 3,51	+ 1,0	−1	−1	1836	8 33,1542	0 35,762
Mart. 1	−0,421	+22,2	− 3,34	+ 2,6	−2	−1	1837	8 36,4864	0 25,115
11	−0,188	+24,4	− 2,99	+ 4,4	−2	−1	1838	8 39,8185	0 14,459
21	+0,066	+26,4	− 2,46	+ 6,2	−3	0	1839	8 43,1505	0 3,802
31	+0,339	+28,1	− 1,75	+ 8,0	−3	0	1840	8 46,4823	−12 59 53,140
							1841	8 49,8141	59 42,475
Apr. 10	+0,627	+29,4	− 0,86	+ 9,7	−3	0	1842	8 53,1459	59 31,805
20	+0,927	+30,4	+ 0,19	+11,1	−3	0	1843	8 56,4776	59 21,131
30	+1,234	+30,8	+ 1,35	+12,1	−3	+1	1844	8 59,8092	59 10,453
Maj. 10	+1,543	+30,8	+ 2,61	+12,8	−3	+1	1845	9 3,1407	58 59,771
20	+1,849	+30,1	+ 3,91	+13,0	−3	+1	1846	9 6,4721	58 49,085
							1847	9 9,8035	58 38,394
30	+2,145	+28,7	+ 5,21	+12,9	−3	+2	1848	9 13,1348	58 27,700
Jun. 9	+2,423	+26,7	+ 6,48	+12,3	−3	+2	1849	9 16,4660	58 17,001
19	+2,678	+24,0	+ 7,66	+11,3	−2	+2	1850	9 19,7970	58 6,299
29	+2,903	+20,7	+ 8,73	+10,0	−2	+3			
Jul. 9	+3,091	+16,8	+ 9,66	+ 8,5	−1	+3			
19	+3,238	+12,5	+10,43	+ 6,9	−1	+3			
29	+3,341	+ 8,0	+11,03	+ 5,2	−1	+4			
Aug. 8	+3,397	+ 3,4	+11,46	+ 3,5	0	+4			
18	+3,408	− 1,2	+11,73	+ 2,0	0	+4			
28	+3,374	− 5,5	+11,85	+ 0,6	+1	+4			
Sept. 7	+3,299	− 9,2	+11,84	− 0,7	+1	+4			
17	+3,190	−12,3	+11,71	− 1,7	+2	+4			
27	+3,054	−14,5	+11,50	− 2,4	+2	+4			
Oct. 7	+2,900	−15,9	+11,23	− 2,9	+2	+4			
17	+2,737	−16,3	+10,92	− 3,3	+3	+4			
27	+2,575	−15,7	+10,57	− 3,6	+3	+4			
Nov. 6	+2,424	−14,2	+10,20	− 3,7	+3	+4			
16	+2,292	−12,0	+ 9,83	− 3,8	+2	+4			
26	+2,185	− 9,1	+ 9,45	− 3,8	+2	+4			
Dec. 6	+2,111	− 5,7	+ 9,07	− 3,9	+2	+4			
16	+2,071	− 2,2	+ 8,68	− 3,8	+1	+4			
26	+2,068	+ 1,6	+ 8,31	− 3,7	+1	+4			
36	+2,103	+ 5,3	+ 7,95	− 3,4	0	+3			

Diei reducto addendum est:

ante / post } Jan. 19 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 2 α *Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	20 8 36,801	— 13 3 50,02	1840	Jan. 1	20 9 10,831	— 13 2 16,33
	Apr. 10	36,699	50,47		Apr. 10	10,922	15,76
	Jul. 19	36,600	50,98		Jul. 19	11,007	15,16
	Oct. 27	36,505	51,54		Oct. 27	11,088	14,52
	Dec. 66	36,413	52,16		Dec. 66	11,163	13,83
1831	Jan. 0	20 8 39,780	— 13 3 41,30	1841	Jan. 0	20 9 14,475	— 13 2 3,37
	Apr. 10	39,692	41,94		Apr. 10	14,546	2,67
	Jul. 19	39,610	42,62		Jul. 19	14,610	1,95
	Oct. 27	39,536	43,33		Oct. 27	14,667	1,20
	Dec. 66	39,468	44,07		Dec. 66	14,717	0,44
1832	Jan. 1	20 8 42,827	— 13 3 33,17	1842	Jan. 0	20 9 18,037	— 13 1 50,00
	Apr. 10	42,764	33,93		Apr. 10	18,082	49,23
	Jul. 19	42,709	34,69		Jul. 19	18,117	48,47
	Oct. 27	42,663	35,47		Oct. 27	18,144	47,71
	Dec. 66	42,626	36,25		Dec. 66	18,161	46,95
1833	Jan. 0	20 8 45,975	— 13 3 25,32	1843	Jan. 0	20 9 21,493	— 13 1 36,50
	Apr. 10	45,943	26,10		Apr. 10	21,504	35,75
	Jul. 19	45,922	26,86		Jul. 19	21,506	35,03
	Oct. 27	45,911	27,61		Oct. 27	21,499	34,34
	Dec. 66	45,910	28,35		Dec. 66	21,483	33,67
1834	Jan. 0	20 8 49,245	— 13 3 17,44	1844	Jan. 1	20 9 24,825	— 13 1 23,18
	Apr. 10	49,249	18,15		Apr. 10	24,802	22,54
	Jul. 19	49,262	18,83		Jul. 19	24,770	21,94
	Oct. 27	49,284	19,46		Oct. 27	24,729	21,39
	Dec. 66	49,316	20,06		Dec. 66	24,679	20,89
1835	Jan. 0	20 8 52,642	— 13 3 9,20	1845	Jan. 0	20 9 28,032	— 13 1 10,35
	Apr. 10	52,680	9,77		Apr. 10	27,976	9,89
	Jul. 19	52,725	10,28		Jul. 19	27,913	9,49
	Oct. 27	52,779	10,74		Oct. 27	27,842	9,16
	Dec. 66	52,840	11,14		Dec. 66	27,764	8,89
1836	Jan. 1	20 8 56,155	— 13 3 0,34	1846	Jan. 0	20 9 31,127	— 13 0 58,26
	Apr. 10	56,222	0,70		Apr. 10	31,044	58,04
	Jul. 19	56,294	1,00		Jul. 19	30,956	57,89
	Oct. 27	56,372	1,23		Oct. 27	30,863	57,81
	Dec. 66	56,456	1,40		Dec. 66	30,765	57,81
1837	Jan. 0	20 8 59,764	— 13 2 50,67	1847	Jan. 0	20 9 34,134	— 13 0 47,08
	Apr. 10	59,852	50,79		Apr. 10	34,034	47,13
	Jul. 19	59,943	50,85		Jul. 19	33,932	47,25
	Oct. 27	9 0,037	50,83		Oct. 27	33,828	47,44
	Dec. 66	0,134	50,75		Dec. 66	33,723	47,71
1838	Jan. 0	20 9 3,438	— 13 2 40,10	1848	Jan. 1	20 9 37,094	— 13 0 36,89
	Apr. 10	3,537	39,97		Apr. 10	36,988	37,20
	Jul. 19	3,636	39,78		Jul. 19	36,884	37,58
	Oct. 27	3,736	39,52		Oct. 27	36,782	38,01
	Dec. 66	3,837	39,19		Dec. 66	36,681	38,51
1839	Jan. 0	20 9 7,140	— 13 2 28,63	1849	Jan. 0	20 9 40,050	— 13 0 27,61
	Apr. 10	7,240	28,26		Apr. 10	39,951	28,15
	Jul. 19	7,337	27,84		Jul. 19	39,858	28,73
	Oct. 27	7,432	27,36		Oct. 27	39,771	29,36
	Dec. 66	7,525	26,83		Dec. 66	39,689	30,04

Tabulae X. Sect. V. 2*a* *Capricorni.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,246	+ 3,9	− 2,60	− 3,5	+1	−1	1830	20 8 37,0142	− 13 3 57,193
10	−1,189	+ 7,5	− 2,93	− 3,1	+1	−1	1831	8 40,3514	3 46,541
20	−1,097	+ 9,9	− 3,21	− 2,5	0	−1	1832	8 43,6885	3 35,885
30	−0,971	+12,6	− 3,42	− 1,6	0	−1	1833	8 47,0255	3 25,224
Febr. 9	−0,816	+16,5	− 3,53	− 0,5	−1	−1	1834	8 50,3625	3 14,560
							1835	8 53,6994	3 3,891
19	−0,632	+19,7	− 3,51	+ 1,0	−1	−1	1836	8 57,0362	2 53,218
Mart. 1	−0,423	+22,2	− 3,33	+ 2,7	−2	−1	1837	9 0,3729	2 42,541
11	−0,189	+24,4	− 2,98	+ 4,4	−2	−1	1838	9 3,7095	2 31,860
21	+0,065	+26,4	− 2,45	+ 6,3	−3	0	1839	9 7,0461	2 21,175
31	+0,338	+28,1	− 1,73	+ 8,1	−3	0	1840	9 10,3826	2 10,486
							1841	9 13,7190	1 59,792
Apr. 10	+0,626	+29,4	− 0,84	+ 9,7	−3	0	1842	9 17,0553	1 49,095
20	+0,926	+30,4	+ 0,21	+11,1	−3	0	1843	9 20,3915	1 38,393
30	+1,233	+30,9	+ 1,38	+12,1	−3	0	1844	9 23,7277	1 27,688
Maj. 10	+1,543	+30,8	+ 2,63	+12,8	−3	+1	1845	9 27,0638	1 16,978
20	+1,849	+30,1	+ 3,94	+13,1	−3	+1	1846	9 30,3998	1 6,264
							1847	9 33,7357	0 55,546
30	+2,145	+28,8	+ 5,24	+12,8	−3	+2	1848	9 37,0715	0 44,824
Jun. 9	+2,424	+26,7	+ 6,50	+12,3	−3	+2	1849	9 40,4073	0 34,097
19	+2,679	+24,0	+ 7,69	+11,3	−2	+2	1850	9 43,7429	0 23,367
29	+2,904	+20,7	+ 8,76	+10,0	−2	+3			
Jul. 9	+3,093	+16,9	+ 9,69	+ 8,5	−2	+3			
19	+3,241	+12,6	+10,46	+ 6,9	−1	+3			
29	+3,344	+ 8,0	+11,06	+ 5,2	−1	+4			
Aug. 8	+3,401	+ 3,4	+11,49	+ 3,5	0	+4			
18	+3,412	− 1,2	+11,75	+ 1,9	0	+4			
28	+3,378	− 5,4	+11,87	+ 0,5	+1	+4			
Sept. 7	+3,304	− 9,2	+11,85	− 0,7	+1	+4			
17	+3,195	−12,3	+11,73	− 1,7	+2	+4			
27	+3,059	−14,5	+11,52	− 2,5	+2	+4			
Oct. 7	+2,906	−15,8	+11,24	− 3,0	+2	+4			
17	+2,743	−16,3	+10,92	− 3,3	+2	+4			
27	+2,581	−15,7	+10,58	− 3,6	+3	+4			
Nov. 6	+2,430	−14,2	+10,21	− 3,7	+3	+4			
16	+2,298	−12,0	+ 9,84	− 3,8	+2	+4			
26	+2,191	− 9,1	+ 9,46	− 3,9	+2	+4			
Dec. 6	+2,117	− 5,7	+ 9,07	− 3,9	+2	+4			
16	+2,077	− 2,2	+ 8,69	− 3,8	+1	+4			
26	+2,074	+ 1,6	+ 8,32	− 3,7	+1	+4			
36	+2,108	+ 5,2	+ 7,96	− 3,4	0	+4			

Diei reducto addendum est:

ante } Jan. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Cygni.*

		h $'$ $''$	° $'$ $''$			h $'$ $''$	° $'$ $''$
1830	Jan. 0	20 35 38,582	+44 40 40,69	1840	Jan. 1	20 35 58,595	+44 42 35,12
	Apr. 10	38,512	40,18		Apr. 10	58,665	35,71
	Jul. 19	38,441	39,63		Jul. 19	58,735	36,34
	Oct. 27	38,369	39,03		Oct. 27	58,805	37,00
	Dec. 66	38,295	38,39		Dec. 66	58,874	37,70
1831	Jan. 0	20 35 40,361	+44 40 51,20	1841	Jan. 0	20 36 0,893	+44 42 50,07
	Apr. 10	40,288	50,53		Apr. 10	0,962	50,78
	Jul. 19	40,216	49,83		Jul. 19	1,029	51,50
	Oct. 27	40,145	49,11		Oct. 27	1,094	52,23
	Dec. 66	40,075	48,37		Dec. 66	1,157	52,98
1832	Jan. 1	20 35 42,139	+44 41 1,21	1842	Jan. 0	20 36 3,178	+44 43 5,35
	Apr. 10	42,071	0,46		Apr. 10	3,239	6,09
	Jul. 19	42,006	40 59,70		Jul. 19	3,295	6,83
	Oct. 27	41,945	58,95		Oct. 27	3,348	7,55
	Dec. 66	41,887	58,19		Dec. 66	3,396	8,27
1833	Jan. 0	20 35 43,947	+44 41 11,03	1843	Jan. 0	20 36 5,422	+44 43 20,65
	Apr. 10	43,892	10,29		Apr. 10	5,467	21,35
	Jul. 19	43,842	9,57		Jul. 19	5,507	22,02
	Oct. 27	43,797	8,86		Oct. 27	5,541	22,66
	Dec. 66	43,757	8,18		Dec. 66	5,569	23,27
1834	Jan. 0	20 35 45,811	+44 41 21,00	1844	Jan. 1	20 36 7,602	+44 43 35,69
	Apr. 10	45,775	20,34		Apr. 10	7,626	36,27
	Jul. 19	45,745	19,73		Jul. 19	7,643	36,79
	Oct. 27	45,721	19,15		Oct. 27	7,654	37,27
	Dec. 66	45,703	18,62		Dec. 66	7,659	37,69
1835	Jan. 0	20 35 47,750	+44 41 31,39	1845	Jan. 0	20 36 9,700	+44 43 50,17
	Apr. 10	47,736	30,90		Apr. 10	9,700	50,55
	Jul. 19	47,729	30,46		Jul. 19	9,693	50,87
	Oct. 27	47,729	30,08		Oct. 27	9,679	51,12
	Dec. 66	47,735	29,75		Dec. 66	9,659	51,31
1836	Jan. 1	20 35 49,774	+44 41 42,45	1846	Jan. 0	20 36 11,708	+44 44 3,87
	Apr. 10	49,783	42,17		Apr. 10	11,683	4,01
	Jul. 19	49,799	41,95		Jul. 19	11,652	4,08
	Oct. 27	49,821	41,80		Oct. 27	11,615	4,08
	Dec. 66	49,850	41,71		Dec. 66	11,572	4,00
1837	Jan. 0	20 35 51,881	+44 41 54,34	1847	Jan. 0	20 36 13,629	+44 44 16,65
	Apr. 10	51,914	54,29		Apr. 10	13,582	16,53
	Jul. 19	51,951	54,31		Jul. 19	13,531	16,34
	Oct. 27	51,994	54,40		Oct. 27	13,475	16,08
	Dec. 66	52,041	54,56		Dec. 66	13,414	15,75
1838	Jan. 0	20 35 54,066	+44 42 7,10	1848	Jan. 1	20 36 15,476	+44 44 28,50
	Apr. 10	54,117	7,30		Apr. 10	15,413	28,12
	Jul. 19	54,171	7,56		Jul. 19	15,347	27,69
	Oct. 27	54,229	7,88		Oct. 27	15,278	27,20
	Dec. 66	54,291	8,27		Dec. 66	15,207	26,65
1839	Jan. 0	20 35 56,312	+44 42 20,74	1849	Jan. 0	20 36 17,273	+44 44 39,47
	Apr. 10	56,376	21,16		Apr. 10	17,201	38,89
	Jul. 19	56,441	21,62		Jul. 19	17,128	38,27
	Oct. 27	56,508	22,14		Oct. 27	17,055	37,62
	Dec. 66	56,577	22,71		Dec. 66	16,982	36,92

Tabulae X. Sect. V. *α Cygni*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−1,604	− 7,5	+ 6,59	−26,5	0	+2	1830	20 35 38,2943	+44 40 34,209
10	−1,655	− 2,7	+ 3,82	−28,5	0	+3	1831	35 40,3356	40 46,795
20	−1,657	+ 2,3	+ 0,90	−29,5	−1	+3	1832	35 42,3770	40 59,384
30	−1,610	+ 7,2	− 2,08	−29,4	−1	+3	1833	35 44,4184	41 11,975
Febr. 9	−1,513	+12,2	− 4,98	−28,1	−2	+3	1834	35 46,4598	41 24,568
							1835	35 48,5012	41 37,164
19	−1,366	+17,0	− 7,69	−25,7	−2	+2	1836	35 50,5427	41 49,762
Mart. 1	−1,173	+21,5	−10,11	−22,3	−2	+2	1837	35 52,5842	42 2,362
11	−0,936	+25,7	−12,14	−17,9	−3	+2	1838	35 54,6257	42 14,964
21	−0,660	+29,3	−13,68	−12,8	−3	+1	1839	35 56,6672	42 27,568
31	−0,350	+32,4	−14,69	− 7,3	−3	+1	1840	35 58,7087	42 40,175
							1841	36 0,7503	42 52,784
Apr. 10	−0,013	+34,7	−15,13	− 1,4	−3	+1	1842	36 2,7919	43 5,395
20	+0,344	+36,2	−14,97	+ 4,5	−3	0	1843	36 4,8335	43 18,009
30	+0,711	+36,9	−14,23	+10,2	−2	0	1844	36 6,8751	43 30,625
Maj. 10	+1,081	+36,7	−12,94	+15,5	−2	0	1845	36 8,9168	43 43,243
20	+1,444	+35,5	−11,14	+20,3	−2	−1	1846	36 10,9585	43 55,863
							1847	36 13,0002	44 8,486
30	+1,790	+33,4	− 8,89	+24,4	−1	−1	1848	36 15,0419	44 21,111
Jun. 9	+2,111	+30,4	− 6,27	+27,7	−1	−1	1849	36 17,0837	44 33,738
19	+2,397	+26,6	− 3,35	+30,3	−1	−1	1850	36 19,1255	44 46,368
29	+2,642	+22,1	− 0,21	+32,1	0	−1			
Jul. 9	+2,838	+17,0	+ 3,06	+33,0	0	−1			
19	+2,982	+11,6	+ 6,38	+33,1	+1	−1			
29	+3,070	+ 5,9	+ 9,67	+32,5	+1	−1			
Aug. 8	+3,100	+ 0,2	+12,87	+31,2	+1	−1			
18	+3,073	− 5,4	+15,90	+29,2	+2	0			
28	+2,993	−10,6	+18,70	+26,7	+2	0			
Sept. 7	+2,862	−15,3	+21,23	+23,6	+2	0			
17	+2,688	−19,2	+23,41	+20,0	+3	+1			
27	+2,478	−22,4	+25,23	+16,1	+3	+1			
Oct. 7	+2,240	−24,7	+26,62	+11,7	+3	+1			
17	+1,985	−25,9	+27,57	+ 7,2	+3	+2			
27	+1,722	−26,2	+28,05	+ 2,3	+3	+2			
Nov. 6	+1,461	−25,5	+28,03	− 2,7	+3	+3			
16	+1,213	−23,9	+27,52	− 7,6	+3	+3			
26	+0,984	−21,5	+26,51	−12,5	+2	+4			
Dec. 6	+0,784	−18,3	+25,03	−17,0	+2	+4			
16	+0,618	−14,6	+23,11	−21,2	+2	+4			
26	+0,493	−10,3	+20,80	−24,7	+1	+5			
36	+0,413	− 5,7	+18,18	−27,4	+1	+5			

Diei reducto addendum est:

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In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Aquarii.*

		h	′	″	°	′	″			h	′	″	°	′	″
1830	Jan. 0	21	57	2,861	— 1	8	29,53	1840	Jan. 1	21	57	34,193	— 1	5	43,40
	Apr. 10			2,764			30,14		Apr. 10			34,279			42,76
	Jul. 19			2,671			30,77		Jul. 19			34,360			42,11
	Oct. 27			2,581			31,42		Oct. 27			34,438			41,45
	Dec. 66			2,494			32,10		Dec. 66			34,511			40,78
1831	Jan. 0	21	57	5,606	— 1	8	14,66	1841	Jan. 0	21	57	37,570	— 1	5	23,77
	Apr. 10			5,522			15,34		Apr. 10			37,640			23,10
	Jul. 19			5,444			16,03		Jul. 19			37,703			22,44
	Oct. 27			5,371			16,71		Oct. 27			37,760			21,79
	Dec. 66			5,304			17,40		Dec. 66			37,810			21,15
1832	Jan. 1	21	57	8,409	— 1	7	59,95	1842	Jan. 0	21	57	40,877	— 1	5	4,12
	Apr. 10			8,347		8	0,63		Apr. 10			40,922			3,50
	Jul. 19			8,292			1,28		Jul. 19			40,960			2,90
	Oct. 27			8,245			1,92		Oct. 27			40,990			2,34
	Dec. 66			8,206			2,53		Dec. 66			41,012			1,80
1833	Jan. 0	21	57	11,302	— 1	7	45,10	1843	Jan. 0	21	57	44,089	— 1	4	44,73
	Apr. 10			11,268			45,69		Apr. 10			44,105			44,22
	Jul. 19			11,243			46,24		Jul. 19			44,112			43,75
	Oct. 27			11,227			46,75		Oct. 27			44,110			43,34
	Dec. 66			11,219			47,22		Dec. 66			44,100			42,97
1834	Jan. 0	21	57	14,304	— 1	7	29,85	1844	Jan. 1	21	57	47,188	— 1	4	25,83
	Apr. 10			14,302			30,29		Apr. 10			47,172			25,50
	Jul. 19			14,309			30,67		Jul. 19			47,147			25,23
	Oct. 27			14,325			31,00		Oct. 27			47,114			25,01
	Dec. 66			14,349			31,28		Dec. 66			47,073			24,85
1835	Jan. 0	21	57	17,423	— 1	7	13,97	1845	Jan. 0	21	57	50,171	— 1	4	7,65
	Apr. 10			17,453			14,21		Apr. 10			50,124			7,54
	Jul. 19			17,490			14,39		Jul. 19			50,069			7,48
	Oct. 27			17,535			14,51		Oct. 27			50,008			7,49
	Dec. 66			17,588			14,57		Dec. 66			49,939			7,57
1836	Jan. 1	21	57	20,653	— 1	6	57,33	1846	Jan. 0	21	57	53,046	— 1	3	50,29
	Apr. 10			20,710			57,35		Apr. 10			52,974			50,40
	Jul. 19			20,773			57,31		Jul. 19			52,895			50,59
	Oct. 27			20,842			57,21		Oct. 27			52,812			50,83
	Dec. 66			20,916			57,06		Dec. 66			52,723			51,14
1837	Jan. 0	21	57	23,974	— 1	6	39,88	1847	Jan. 0	21	57	55,836	— 1	3	33,77
	Apr. 10			24,052			39,68		Apr. 10			55,745			34,11
	Jul. 19			24,133			39,43		Jul. 19			55,652			34,51
	Oct. 27			24,218			39,13		Oct. 27			55,557			34,96
	Dec. 66			24,307			38,77		Dec. 66			55,460			35,46
1838	Jan. 0	21	57	27,360	— 1	6	21,66	1848	Jan. 1	21	57	58,576	— 1	3	18,03
	Apr. 10			27,450			21,27		Apr. 10			58,478			18,56
	Jul. 19			27,541			20,83		Jul. 19			58,381			19,12
	Oct. 27			27,633			20,36		Oct. 27			58,285			19,72
	Dec. 66			27,726			19,84		Dec. 66			58,191			20,35
1839	Jan. 0	21	57	30,778	— 1	6	2,78	1849	Jan. 0	21	58	1,305	— 1	3	2,88
	Apr. 10			30,871			2,24		Apr. 10			1,213			3,53
	Jul. 19			30,962			1,68		Jul. 19			1,124			4,19
	Oct. 27			31,051			1,07		Oct. 27			1,040			4,87
	Dec. 66			31,139			0,43		Dec. 66			0,959			5,56

Tabulae X. Sect. V. *α Aquarii.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	—0,835	— 5,3	— 1,27	— 7,8	+2	+1	1830	21 57 2,9993	— 1 8 33,410
10	—0,877	— 2,9	— 2,05	— 7,6	+2	+1	1831	57 6,0328	8 16,190
20	—0,892	— 0,2	— 2,79	— 7,1	+2	+1	1832	57 9,1663	7 58,969
30	—0,881	+ 2,5	— 3,46	— 6,2	+1	+1	1833	57 12,2497	7 41,745
Febr. 9	—0,842	+ 5,4	— 4,03	— 4,9	0	+1	1834	57 15,3351	7 24,518
							1835	57 18,4164	7 7,290
19	—0,774	+ 8,3	— 4,44	— 3,2	0	0	1836	57 21,4997	6 50,059
Mart. 1	—0,676	+11,4	— 4,67	— 1,1	—1	0	1837	57 24,5830	6 32,826
11	—0,546	+14,6	— 4,66	+ 1,3	—1	0	1838	57 27,6662	6 15,591
21	—0,385	+17,7	— 4,41	+ 3,9	—2	0	1839	57 30,7494	5 58,353
31	—0,193	+20,7	— 3,88	+ 6,7	—2	0	1840	57 33,8325	5 41,113
							1841	57 36,9156	5 23,871
Apr. 10	+0,029	+23,6	— 3,08	+ 9,4	—2	—1	1842	57 39,9986	5 6,627
20	+0,278	+26,1	— 2,01	+12,0	—3	—1	1843	57 43,0816	4 49,380
30	+0,551	+28,3	— 0,69	+14,3	—3	—1	1844	57 46,1646	4 32,131
Maj. 10	+0,843	+29,9	+ 0,85	+16,3	—3	—1	1845	57 49,2475	4 14,880
20	+1,148	+30,8	+ 2,56	+17,8	—3	—1	1846	57 52,3304	3 57,626
							1847	57 55,4132	3 40,371
30	+1,459	+31,0	+ 4,41	+18,9	—3	—1	1848	57 58,4960	3 23,112
Jun. 9	+1,768	+30,5	+ 6,33	+19,4	—3	—1	1849	58 1,5787	3 5,852
19	+2,068	+29,2	+ 8,28	+19,3	—3	0	1850	58 4,6614	2 48,590
29	+2,351	+27,1	+10,19	+18,8	—2	0			
Jul. 9	+2,610	+24,3	+12,03	+17,8	—2	0			
19	+2,837	+20,9	+13,74	+16,3	—2	0			
29	+3,027	+17,0	+15,29	+14,6	—1	+1			
Aug. 8	+3,177	+12,8	+16,65	+12,6	—1	+1			
18	+3,283	+ 8,4	+17,80	+10,4	—1	+1			
28	+3,344	+ 4,0	+18,73	+ 8,2	0	+2			
Sept. 7	+3,363	— 0,1	+19,44	+ 6,0	0	+2			
17	+3,342	— 3,9	+19,92	+ 3,9	+1	+2			
27	+3,285	— 7,2	+20,21	+ 1,9	+1	+3			
Oct. 7	+3,199	— 9,8	+20,30	+ 0,1	+2	+3			
17	+3,090	—11,7	+20,23	— 1,5	+2	+3			
27	+2,966	—12,8	+20,00	— 3,0	+2	+3			
Nov. 6	+2,834	—13,2	+19,64	— 4,2	+3	+3			
16	+2,702	—12,9	+19,16	— 5,3	+3	+4			
26	+2,576	—12,0	+18,59	— 6,2	+3	+4			
Dec. 6	+2,462	—10,6	+17,93	— 6,9	+3	+4			
16	+2,364	— 8,9	+17,21	— 7,4	+2	+4			
26	+2,285	— 6,8	+16,45	— 7,7	+2	+4			
36	+2,229	— 4,4	+15,67	— 7,8	+2	+3			

Diei reducto addendum est:

ante / post } Febr. 15 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Piscis austrini.*

		α	δ			α	δ
1830	Jan. 0	22 48 14,036	−30 31 18,27	1840	Jan. 1	22 48 48,580	−30 28 12,04
	Apr. 10	13,938	18,91		Apr. 10	48,660	11,41
	Jul. 19	13,846	19,55		Jul. 19	48,734	10,79
	Oct. 27	13,760	20,20		Oct. 27	48,801	10,17
	Dec. 66	13,680	20,85		Dec. 66	48,862	9,56
1831	Jan. 0	22 48 17,045	−30 31 1,78	1841	Jan. 0	22 48 52,179	−30 27 50,90
	Apr. 10	16,969	2,43		Apr. 10	52,234	50,30
	Jul. 19	16,902	3,06		Jul. 19	52,280	49,72
	Oct. 27	16,844	3,68		Oct. 27	52,318	49,17
	Dec. 66	16,794	4,29		Dec. 66	52,347	48,64
1832	Jan. 1	22 48 20,148	−30 30 45,24	1842	Jan. 0	22 48 55,675	−30 27 29,95
	Apr. 10	20,105	45,82		Apr. 10	55,698	29,44
	Jul. 19	20,070	46,37		Jul. 19	55,712	28,97
	Oct. 27	20,044	46,89		Oct. 27	55,716	28,55
	Dec. 66	20,027	47,37		Dec. 66	55,710	28,16
1833	Jan. 0	22 48 23,370	−30 30 28,36	1843	Jan. 0	22 48 59,049	−30 27 9,42
	Apr. 10	23,364	28,81		Apr. 10	59,037	9,06
	Jul. 19	23,367	29,21		Jul. 19	59,015	8,76
	Oct. 27	23,379	29,57		Oct. 27	58,983	8,51
	Dec. 66	23,401	29,88		Dec. 66	58,943	8,32
1834	Jan. 0	22 48 26,731	−30 30 10,94	1844	Jan. 1	22 49 2,294	−30 26 49,51
	Apr. 10	26,759	11,20		Apr. 10	2,247	49,35
	Jul. 19	26,796	11,41		Jul. 19	2,192	49,25
	Oct. 27	26,842	11,57		Oct. 27	2,128	49,21
	Dec. 66	26,897	11,67		Dec. 66	2,056	49,23
1835	Jan. 0	22 48 30,216	−30 29 52,79	1845	Jan. 0	22 49 5,417	−30 26 30,35
	Apr. 10	30,277	52,85		Apr. 10	5,340	30,41
	Jul. 19	30,344	52,86		Jul. 19	5,257	30,53
	Oct. 27	30,418	52,81		Oct. 27	5,168	30,71
	Dec. 66	30,499	52,70		Dec. 66	5,072	30,95
1836	Jan. 1	22 48 33,809	−30 29 33,88	1846	Jan. 0	22 49 8,441	−30 26 11,99
	Apr. 10	33,894	33,74		Apr. 10	8,342	12,26
	Jul. 19	33,984	33,54		Jul. 19	8,240	12,59
	Oct. 27	34,078	33,29		Oct. 27	8,135	12,97
	Dec. 66	34,177	32,98		Dec. 66	8,028	13,41
1837	Jan. 0	22 48 37,481	−30 29 14,23	1847	Jan. 0	22 49 11,399	−30 25 54,38
	Apr. 10	37,581	13,89		Apr. 10	11,290	54,84
	Jul. 19	37,683	13,51		Jul. 19	11,182	55,34
	Oct. 27	37,786	13,09		Oct. 27	11,074	55,88
	Dec. 66	37,891	12,62		Dec. 66	10,967	56,45
1838	Jan. 0	22 48 41,193	−30 28 53,92	1848	Jan. 1	22 49 14,338	−30 25 37,38
	Apr. 10	41,298	53,43		Apr. 10	14,234	37,97
	Jul. 19	41,401	52,91		Jul. 19	14,132	38,58
	Oct. 27	41,502	52,36		Oct. 27	14,033	39,21
	Dec. 66	41,602	51,79		Dec. 66	13,937	39,86
1839	Jan. 0	22 48 44,906	−30 28 33,13	1849	Jan. 0	22 49 17,303	−30 25 20,77
	Apr. 10	45,004	32,53		Apr. 10	17,213	21,42
	Jul. 19	45,097	31,93		Jul. 19	17,130	22,07
	Oct. 27	45,186	31,32		Oct. 27	17,053	22,72
	Dec. 66	45,270	30,69		Dec. 66	16,983	23,36

Tabulae X. Sect. V. α *Piscis austrini.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″	″	″	″				h ′ ″	° ′ ″
Jan. 0	−0,701	−10,1	− 9,99	+ 2,6	+4	0	1830	22 48 14,5102	−30 31 20,242
10	−0,791	− 7,9	− 9,59	+ 5,4	+4	0	1831	48 17,8492	31 1,390
20	−0,857	− 5,3	− 8,92	+ 8,0	+3	−1	1832	48 21,1880	30 42,536
30	−0,896	− 2,5	− 7,99	+10,6	+3	−1	1833	48 24,5266	30 23,681
Febr. 9	−0,906	+ 0,6	− 6,81	+13,0	+2	−2	1834	48 27,8650	30 4,824
							1835	48 31,2031	29 45,966
19	−0,885	+ 3,8	− 5,40	+15,2	+1	−2	1836	48 34,5410	29 27,107
Mart. 1	−0,830	+ 7,3	− 3,78	+17,1	+1	−2	1837	48 37,8787	29 8,246
11	−0,740	+10,9	− 1,98	+18,9	0	−2	1838	48 41,2162	28 49,383
21	−0,612	+14,6	− 0,01	+20,4	−1	−3	1839	48 44,5535	28 30,519
31	−0,448	+18,4	+ 2,09	+21,5	−2	−3	1840	48 47,8905	28 11,654
							1841	48 51,2273	27 52,787
Apr. 10	−0,245	+22,2	+ 4,28	+22,2	−2	−3	1842	48 54,5639	27 33,918
20	−0,005	+25,7	+ 6,53	+22,6	−3	−2	1843	48 57,9003	27 15,048
30	+0,268	+28,8	+ 8,80	+22,5	−3	−2	1844	49 1,2365	26 56,177
Maj. 10	+0,570	+31,4	+11,02	+21,8	−4	−2	1845	49 4,5725	26 37,304
20	+0,896	+33,5	+13,15	+20,7	−4	−2	1846	49 7,9082	26 18,430
							1847	49 11,2437	25 59,554
30	+1,240	+34,8	+15,15	+19,0	−4	−1	1848	49 14,5790	25 40,676
Jun. 9	+1,592	+35,3	+16,95	+16,8	−5	−1	1849	49 17,9141	25 21,797
19	+1,945	+34,9	+18,51	+14,2	−5	0	1850	49 21,2490	25 2,917
29	+2,289	+33,5	+19,79	+11,3	−5	0			
Jul. 9	+2,615	+31,3	+20,76	+ 8,0	−5	+1			
19	+2,915	+28,3	+21,39	+ 4,6	−4	+1			
29	+3,180	+24,5	+21,68	+ 1,2	−4	+2			
Aug. 8	+3,404	+20,1	+21,62	− 2,3	−4	+3			
18	+3,582	+15,4	+21,23	− 5,5	−3	+3			
28	+3,712	+10,5	+20,53	− 8,2	−3	+3			
Sept. 7	+3,791	+ 5,5	+19,59	−10,6	−2	+4			
17	+3,822	+ 0,8	+18,42	−12,4	−2	+4			
27	+3,807	− 3,6	+17,12	−13,5	−1	+4			
Oct. 7	+3,751	− 7,3	+15,72	−14,0	0	+4			
17	+3,661	−10,4	+14,32	−13,8	0	+4			
27	+3,544	−12,7	+12,96	−13,0	+1	+4			
Nov. 6	+3,407	−14,2	+11,72	−11,6	+1	+4			
16	+3,260	−14,9	+10,65	− 9,7	+2	+4			
26	+3,109	−14,9	+ 9,79	− 7,4	+2	+3			
Dec. 6	+2,963	−14,2	+ 9,17	− 4,8	+2	+3			
16	+2,825	−13,0	+ 8,83	− 2,0	+2	+2			
26	+2,703	−11,3	+ 8,77	+ 0,8	+2	+2			
36	+2,600	− 9,3	+ 8,99	+ 3,6	+2	+1			

Diei reducto addendum est:

ante } Febr. 28 } 0
post } } + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Pegasi.*

		α	δ			α	δ
1830	Jan. 0	22 56 17,903	+14 17 33,36	1840	Jan. 1	22 56 47,899	+14 20 44,37
	Apr. 10	17,808	32,72		Apr. 10	47,988	44,99
	Jul. 19	17,714	32,08		Jul. 19	48,073	45,61
	Oct. 27	17,622	31,44		Oct. 27	48,156	46,22
	Dec. 66	17,531	30,78		Dec. 66	48,235	46,82
1831	Jan. 0	22 56 20,543	+14 17 50,27	1841	Jan. 0	22 56 51,191	+14 21 5,90
	Apr. 10	20,454	49,63		Apr. 10	51,268	6,48
	Jul. 19	20,370	49,01		Jul. 19	51,339	7,04
	Oct. 27	20,290	48,40		Oct. 27	51,405	7,57
	Dec. 66	20,215	47,81		Dec. 66	51,466	8,09
1832	Jan. 1	22 56 23,221	+14 18 7,28	1842	Jan. 0	22 56 54,428	+14 21 27,20
	Apr. 10	23,150	6,71		Apr. 10	54,485	27,69
	Jul. 19	23,085	6,18		Jul. 19	54,534	28,13
	Oct. 27	23,027	5,69		Oct. 27	54,576	28,53
	Dec. 66	22,976	5,23		Dec. 66	54,611	28,89
1833	Jan. 0	22 56 25,974	+14 18 24,65	1843	Jan. 0	22 56 57,583	+14 21 48,06
	Apr. 10	25,927	24,22		Apr. 10	57,613	48,39
	Jul. 19	25,889	23,84		Jul. 19	57,634	48,66
	Oct. 27	25,859	23,51		Oct. 27	57,647	48,88
	Dec. 66	25,838	23,23		Dec. 66	57,652	49,05
1834	Jan. 0	22 56 28,826	+14 18 42,59	1844	Jan. 1	22 57 0,633	+14 22 8,29
	Apr. 10	28,810	42,35		Apr. 10	0,632	8,42
	Jul. 19	28,802	42,16		Jul. 19	0,622	8,49
	Oct. 27	28,803	42,03		Oct. 27	0,604	8,50
	Dec. 66	28,813	41,95		Dec. 66	0,577	8,45
1835	Jan. 0	22 56 31,790	+14 19 1,25	1845	Jan. 0	22 57 3,569	+14 22 27,76
	Apr. 10	31,805	1,21		Apr. 10	3,536	27,67
	Jul. 19	31,828	1,23		Jul. 19	3,496	27,52
	Oct. 27	31,859	1,31		Oct. 27	3,448	27,31
	Dec. 66	31,898	1,44		Dec. 66	3,392	27,05
1836	Jan. 1	22 56 34,866	+14 19 20,67	1846	Jan. 0	22 57 6,394	+14 22 46,44
	Apr. 10	34,910	20,84		Apr. 10	6,334	46,14
	Jul. 19	34,960	21,07		Jul. 19	6,267	45,79
	Oct. 27	35,017	21,34		Oct. 27	6,194	45,38
	Dec. 66	35,080	21,67		Dec. 66	6,115	44,92
1837	Jan. 0	22 56 38,040	+14 19 40,83	1847	Jan. 0	22 57 9,124	+14 23 4,37
	Apr. 10	38,107	41,18		Apr. 10	9,042	3,90
	Jul. 19	38,179	41,58		Jul. 19	8,957	3,39
	Oct. 27	38,255	42,02		Oct. 27	8,868	2,84
	Dec. 66	38,336	42,50		Dec. 66	8,775	2,26
1838	Jan. 0	22 56 41,290	+14 20 1,62	1848	Jan. 1	22 57 11,789	+14 23 21,75
	Apr. 10	41,374	2,12		Apr. 10	11,695	21,15
	Jul. 19	41,459	2,65		Jul. 19	11,601	20,53
	Oct. 27	41,547	3,20		Oct. 27	11,507	19,90
	Dec. 66	41,636	3,78		Dec. 66	11,412	19,25
1839	Jan. 0	22 56 44,588	+14 20 22,87	1849	Jan. 0	22 57 14,426	+14 23 38,76
	Apr. 10	44,678	23,46		Apr. 10	14,332	38,11
	Jul. 19	44,768	24,06		Jul. 19	14,240	37,46
	Oct. 27	44,858	24,68		Oct. 27	14,152	36,82
	Dec. 66	44,947	25,30		Dec. 66	14,066	36,19

Tabulae X. Sect. V. *α Pegasi.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	−0″,553	− 9,6	+ 3″,49	−10,6	+3	+2	1830	22 56 17,8797	+14 17 31″,692
10	−0,642	− 8,0	+ 2,37	−11,7	+2	+2	1831	56 20,8612	17 50,963
20	−0,713	− 6,1	+ 1,15	−12,5	+2	+2	1832	56 23,8427	18 10,235
30	−0,764	− 3,9	− 0,12	−12,7	+2	+2	1833	56 26,8243	18 29,508
Febr. 9	−0,790	− 1,2	− 1,38	−12,2	+1	+2	1834	56 29,8059	18 48,782
							1835	56 32,7876	19 8,057
19	−0,788	+ 1,8	− 2,56	−11,2	+1	+2	1836	56 35,7693	19 27,334
Mart. 1	−0,755	+ 5,0	− 3,61	− 9,6	0	+2	1837	56 38,7511	19 46,611
11	−0,688	+ 8,6	− 4,47	− 7,3	−1	+1	1838	56 41,7329	20 5,890
21	−0,584	+12,3	− 5,07	− 4,6	−1	+1	1839	56 44,7148	20 25,170
31	−0,443	+16,0	− 5,38	− 1,5	−1	+1	1840	56 47,6968	20 44,451
							1841	56 50,6788	21 3,733
Apr. 10	−0,264	+19,7	− 5,36	+ 2,0	−2	0	1842	56 53,6609	21 23,017
20	−0,050	+23,1	− 4,99	+ 5,5	−2	0	1843	56 56,6430	21 42,301
30	+0,197	+26,1	− 4,26	+ 9,0	−2	0	1844	56 59,6252	22 1,587
Maj. 10	+0,472	+28,6	− 3,19	+12,3	−3	−1	1845	57 2,6073	22 20,874
20	+0,769	+30,5	− 1,80	+15,4	−3	−1	1846	57 5,5896	22 40,162
							1847	57 8,5719	22 59,451
30	+1,081	+31,6	− 0,12	+18,0	−3	−1	1848	57 11,5543	23 18,742
Jun. 9	+1,401	+31,9	+ 1,79	+20,1	−3	−1	1849	57 14,5367	23 38,033
19	+1,719	+31,3	+ 3,89	+21,6	−2	−2	1850	57 17,5192	23 57,326
29	+2,027	+29,9	+ 6,11	+22,6	−2	−2			
Jul. 9	+2,317	+27,8	+ 8,41	+23,1	−2	−2			
19	+2,583	+25,0	+10,72	+23,0	−2	−1			
29	+2,816	+21,5	+12,98	+22,3	−1	−1			
Aug. 8	+3,013	+17,7	+15,15	+21,0	−1	−1			
18	+3,170	+13,6	+17,18	+19,5	0	−1			
28	+3,285	+ 9,4	+19,05	+17,7	0	−1			
Sept. 7	+3,357	+ 5,2	+20,71	+15,5	+1	0			
17	+3,389	+ 1,4	+22,15	+13,3	+1	0			
27	+3,384	− 2,2	+23,36	+10,9	+2	0			
Oct. 7	+3,345	− 5,4	+24,32	+ 8,4	+2	+1			
17	+3,277	− 7,9	+25,03	+ 5,9	+3	+1			
27	+3,187	− 9,8	+25,50	+ 3,5	+3	+2			
Nov. 6	+3,081	−11,2	+25,72	+ 1,0	+3	+2			
16	+2,964	−12,0	+25,70	− 1,4	+3	+2			
26	+2,842	−12,2	+25,44	− 3,6	+4	+3			
Dec. 6	+2,720	−12,0	+24,97	− 5,7	+4	+3			
16	+2,602	−11,4	+24,28	− 7,9	+4	+3			
26	+2,492	−10,4	+23,40	− 9,6	+3	+3			
36	+2,394	− 9,1	+22,36	−11,0	+3	+3			

Diei reducto addendum est:

ante } Mart. 3 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Andromedae.*

1830	Jan. 0	23	59	37,099	+28	9	4,83		
	Apr. 10			36,998			4,21		
	Jul. 19			36,897			3,60		
	Oct. 27			36,796			3,02		
	Dec. 66			36,696			2,45		
1831	Jan. 0	23	59	39,808	+28	9	22,54		
	Apr. 10			39,710			21,99		
	Jul. 19			39,614			21,48		
	Oct. 27			39,522			21,00		
	Dec. 66			39,432			20,56		
1832	Jan. 1	23	59	42,541	+28	9	40,61		
	Apr. 10			42,455			40,20		
	Jul. 19			42,376			39,84		
	Oct. 27			42,303			39,53		
	Dec. 66			42,236			39,27		
1833	Jan. 0	23	59	45,336	+28	9	59,25		
	Apr. 10			45,274			59,03		
	Jul. 19			45,220			58,86		
	Oct. 27			45,174			58,75		
	Dec. 66			45,136			58,69		
1834	Jan. 0	23	59	48,227	+28	10	18,61		
	Apr. 10			48,195			18,59		
	Jul. 19			48,171			18,63		
	Oct. 27			48,157			18,72		
	Dec. 66			48,151			18,87		
1835	Jan. 0	23	59	51,232	+28	10	38,72		
	Apr. 10			51,233			38,90		
	Jul. 19			51,242			39,14		
	Oct. 27			51,260			39,43		
	Dec. 66			51,287			39,77		
1836	Jan. 1	23	59	54,356	+28	10	59,56		
	Apr. 10			54,389			59,94		
	Jul. 19			54,429		11	0,35		
	Oct. 27			54,478			0,78		
	Dec. 66			54,534			1,25		
1837	Jan. 0	23	59	57,594	+28	11	20,99		
	Apr. 10			57,655			21,49		
	Jul. 19			57,721			22,02		
	Oct. 27			57,794			22,57		
	Dec. 66			57,872			23,14		
1838	Jan. 0	0	0	0,925	+28	11	42,86		
	Apr. 10			1,007			43,44		
	Jul. 19			1,092			44,02		
	Oct. 27			1,181			44,62		
	Dec. 66			1,274			45,22		
1839	Jan. 0	0	0	4,322	+28	12	4,93		
	Apr. 10			4,417			5,53		
	Jul. 19			4,512			6,12		
	Oct. 27			4,608			6,70		
	Dec. 66			4,705			7,27		
1840	Jan. 1	0	0	7,753	+28	12	26,99		
	Apr. 10			7,850			27,55		
	Jul. 19			7,945			28,08		
	Oct. 27			8,038			28,58		
	Dec. 66			8,130			29,06		
1841	Jan. 0	0	0	11,180	+28	12	48,81		
	Apr. 10			11,269			49,27		
	Jul. 19			11,354			49,68		
	Oct. 27			11,434			50,06		
	Dec. 66			11,510			50,39		
1842	Jan. 0	0	0	14,566	+28	13	10,19		
	Apr. 10			14,638			10,49		
	Jul. 19			14,703			10,74		
	Oct. 27			14,761			10,94		
	Dec. 66			14,812			11,08		
1843	Jan. 0	0	0	17,877	+28	13	30,94		
	Apr. 10			17,923			31,05		
	Jul. 19			17,960			31,10		
	Oct. 27			17,989			31,10		
	Dec. 66			18,010			31,04		
1844	Jan. 1	0	0	21,085	+28	13	50,97		
	Apr. 10			21,099			50,87		
	Jul. 19			21,104			50,72		
	Oct. 27			21,100			50,51		
	Dec. 66			21,087			50,24		
1845	Jan. 0	0	0	24,173	+28	14	10,24		
	Apr. 10			24,153			9,94		
	Jul. 19			24,125			9,59		
	Oct. 27			24,087			9,19		
	Dec. 66			24,041			8,75		
1846	Jan. 0	0	0	27,139	+28	14	28,81		
	Apr. 10			27,037			28,34		
	Jul. 19			27,027			27,84		
	Oct. 27			26,960			27,30		
	Dec. 66			26,886			26,73		
1847	Jan. 0	0	0	29,993	+28	14	46,83		
	Apr. 10			29,915			46,24		
	Jul. 19			29,831			45,64		
	Oct. 27			29,742			45,02		
	Dec. 66			29,648			44,38		
1848	Jan. 1	0	0	32,762	+28	15	4,51		
	Apr. 10			32,666			3,88		
	Jul. 19			32,568			3,25		
	Oct. 27			32,468			2,63		
	Dec. 66			32,367			2,01		
1849	Jan. 0	0	0	35,482	+28	15	22,12		
	Apr. 10			35,380			21,52		
	Jul. 19			35,280			20,94		
	Oct. 27			35,181			20,39		
	Dec. 66			35,084			19,86		

Tabulae X. Sect. V. *α Andromedae.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−0,199	−13,6	+ 8,36	− 8,2	+3	+2
10	−0,334	−13,2	+ 7,41	−10,8	+3	+2
20	−0,462	−12,2	+ 6,20	−13,1	+3	+3
30	−0,577	−10,6	+ 4,80	−14,7	+2	+3
Febr. 9	−0,674	− 8,5	+ 3,26	−15,8	+2	+3
19	−0,746	− 5,7	+ 1,65	−16,2	+1	+3
Mart. 1	−0,787	− 2,3	+ 0,03	−15,8	+1	+3
11	−0,791	+ 1,7	− 1,50	−14,6	0	+3
21	−0,754	+ 6,0	− 2,88	−12,7	0	+2
31	−0,672	+10,5	− 4,03	−10,1	−1	+2
Apr. 10	−0,544	+15,1	− 4,89	− 7,0	−1	+2
20	−0,370	+19,6	− 5,42	− 3,4	−2	+1
30	−0,153	+23,7	− 5,57	+ 0,4	−2	+1
Maj. 10	+0,104	+27,4	− 5,34	+ 4,3	−2	0
20	+0,395	+30,4	− 4,71	+ 8,3	−3	0
30	+0,711	+32,6	− 3,69	+12,0	−3	−1
Jun. 9	+1,046	+34,0	− 2,32	+15,3	−3	−1
19	+1,390	+34,4	− 0,63	+18,3	−2	−2
29	+1,733	+33,9	+ 1,33	+20,8	−2	−2
Jul. 9	+2,067	+32,5	+ 3,52	+22,7	−2	−2
19	+2,383	+30,4	+ 5,87	+24,0	−2	−3
29	+2,674	+27,5	+ 8,32	+24,8	−1	−3
Aug. 8	+2,933	+24,1	+10,83	+25,1	−1	−3
18	+3,156	+20,4	+13,33	+24,7	0	−3
28	+3,340	+16,3	+15,77	+23,9	0	−3
Sept. 7	+3,482	+12,2	+18,11	+22,7	+1	−3
17	+3,583	+ 8,1	+20,31	+21,1	+2	−2
27	+3,644	+ 4,3	+22,33	+19,2	+2	−2
Oct. 7	+3,668	+ 0,7	+24,14	+16,9	+3	−2
17	+3,657	− 2,6	+25,71	+14,5	+3	−1
27	+3,616	− 5,4	+27,03	+11,8	+4	−1
Nov. 6	+3,549	− 7,8	+28,07	+ 8,9	+4	0
16	+3,460	− 9,8	+28,81	+ 6,0	+5	0
26	+3,353	−11,4	+29,26	+ 3,0	+5	+1
Dec. 6	+3,233	−12,5	+29,40	− 0,2	+5	+1
16	+3,103	−13,3	+29,22	− 3,4	+5	+1
26	+2,967	−13,7	+28,73	− 6,4	+5	+2
36	+2,830	−13,5	+27,94	− 9,2	+5	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	23 59 36,9059	+ 28 9 5,650
1831	59 39,9846	9 25,556
1832	59 43,0635	9 45,462
1833	59 46,1426	10 5,368
1834	59 49,2218	10 25,273
1835	59 52,3013	10 45,179
1836	59 55,3809	11 5,085
1837	59 58,4607	11 24,990
1838	0 0 1,5407	11 44,896
1839	0 4,6208	12 4,801
1840	0 7,7010	12 24,707
1841	0 10,7815	12 44,612
1842	0 13,8622	13 4,518
1843	0 16,9430	13 24,423
1844	0 20,0240	13 44,328
1845	0 23,1052	14 4,234
1846	0 26,1866	14 24,139
1847	0 29,2682	14 44,044
1848	0 32,3499	15 3,949
1849	0 35,4318	15 23,854
1850	0 38,5138	15 43,759

Diei reducto addendum est:

ante / post } Mart. 20 { 0 / + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Ursae minoris.*

						☉ + ☊	☽
		h ′ ″	″	° ′ ″	″		
1830	Jan. 0	0 59 51,84		88 24 5,32		256	957
	Apr. 10	51,05	− 0,79	4,75	− 0,57		
	Jul. 19	50,09	− 0,96	4,22	− 0,53		
	Oct. 27	48,97	− 1,12	3,72	− 0,50		
	Dec. 66	47,68	− 1,29	3,27	− 0,45		
1831	Jan. 0	1 0 3,66		88 24 22,80		203	325
	Apr. 10	2,28	− 1,38	22,38	− 0,42		
	Jul. 19	0,78	− 1,50	22,00	− 0,38		
	Oct. 27	0 59 59,17	− 1,61	21,68	− 0,32		
	Dec. 66	57,44	− 1,73	21,41	− 0,27		
1832	Jan. 1	1 0 13,65		88 24 40,87		149	694
	Apr. 10	11,86	− 1,79	40,64	− 0,23		
	Jul. 19	10,00	− 1,86	40,47	− 0,17		
	Oct. 27	8,09	− 1,91	40,36	− 0,11		
	Dec. 66	6,12	− 1,97	40,30	− 0,06		
1833	Jan. 0	1 0 22,50		88 24 59,69		095	062
	Apr. 10	20,50	− 2,00	59,67	− 0,02		
	Jul. 19	18,51	− 1,99	59,72	+ 0,05		
	Oct. 27	16,52	− 1,99	59,82	+ 0,10		
	Dec. 66	14,54	− 1,98	59,98	+ 0,16		
1834	Jan. 0	1 0 31,01		88 25 19,29		041	430
	Apr. 10	29,04	− 1,97	19,49	+ 0,20		
	Jul. 19	27,14	− 1,90	19,74	+ 0,25		
	Oct. 27	25,30	− 1,84	20,04	+ 0,30		
	Dec. 66	23,53	− 1,77	20,40	+ 0,36		
1835	Jan. 0	1 0 40,02		88 25 39,64		988	798
	Apr. 10	38,31	− 1,71	40,02	+ 0,38		
	Jul. 19	36,71	− 1,60	40,45	+ 0,43		
	Oct. 27	35,22	− 1,49	40,92	+ 0,47		
	Dec. 66	33,85	− 1,37	41,42	+ 0,50		
1836	Jan. 1	1 0 50,30		88 26 0,60		934	167
	Apr. 10	49,02	− 1,28	1,13	+ 0,53		
	Jul. 19	47,89	− 1,13	1,68	+ 0,55		
	Oct. 27	46,92	− 0,97	2,26	+ 0,58		
	Dec. 66	46,10	− 0,82	2,86	+ 0,60		
1837	Jan. 0	1 1 2,46		88 26 22,00		880	535
	Apr. 10	1,75	− 0,71	22,61	+ 0,61		
	Jul. 19	1,22	− 0,53	23,22	+ 0,61		
	Oct. 27	0,86	− 0,36	23,84	+ 0,62		
	Dec. 66	0,69	− 0,17	24,46	+ 0,62		
1838	Jan. 0	1 1 16,92		88 26 43,59		827	903
	Apr. 10	16,86	− 0,06	44,21	+ 0,62		
	Jul. 19	16,98	+ 0,12	44,82	+ 0,61		
	Oct. 27	17,27	+ 0,29	45,42	+ 0,60		
	Dec. 66	17,74	+ 0,47	46,01	+ 0,59		
1839	Jan. 0	1 1 33,86		88 27 5,14		773	272
	Apr. 10	34,47	+ 0,61	5,71	+ 0,57		
	Jul. 19	35,22	+ 0,75	6,26	+ 0,55		
	Oct. 27	36,14	+ 0,92	6,77	+ 0,51		
	Dec. 66	37,23	+ 1,09	7,25	+ 0,48		

Tabulae X. Sect. V. *α Ursae minoris.*

						☉ + ☊	☽
1840	Jan. 1	h ′ ″ 1 1 53,26	″ + 1,19	° ′ ″ 88 27 26,42	″ + 0,46	719	640
	Apr. 10	54,45	+ 1,32	26,88	+ 0,41		
	Jul. 19	55,77	+ 1,46	27,29	+ 0,37		
	Oct. 27	57,23	+ 1,59	27,66	+ 0,33		
	Dec. 66	58,82		27,99			
1841	Jan. 0	1 2 14,79	+ 1,67	88 27 47,20	+ 0,30	665	008
	Apr. 10	16,46	+ 1,75	47,50	+ 0,24		
	Jul. 19	18,21	+ 1,85	47,74	+ 0,19		
	Oct. 27	20,06	+ 1,93	47,93	+ 0,14		
	Dec. 66	21,99		48,07			
1842	Jan. 0	1 2 37,95	+ 1,97	88 28 7,34	+ 0,10	612	376
	Apr. 10	39,92	+ 2,01	7,44	+ 0,04		
	Jul. 19	41,93	+ 2,03	7,48	− 0,02		
	Oct. 27	43,96	+ 2,06	7,46	− 0,08		
	Dec. 66	46,02		7,38			
1843	Jan. 0	1 3 2,05	+ 2,07	88 28 26,72	− 0,11	558	745
	Apr. 10	4,12	+ 2,03	26,61	− 0,18		
	Jul. 19	6,15	+ 2,00	26,43	− 0,22		
	Oct. 27	8,15	+ 1,96	26,21	− 0,29		
	Dec. 66	10,11		25,92			
1844	Jan. 1	1 3 26,29	+ 1,92	88 28 45,32	− 0,32	504	113
	Apr. 10	28,21	+ 1,82	45,00	− 0,36		
	Jul. 19	30,03	+ 1,73	44,64	− 0,42		
	Oct. 27	31,76	+ 1,63	44,22	− 0,46		
	Dec. 66	33,39		43,76			
1845	Jan. 0	1 3 49,80	+ 1,54	88 29 3,21	− 0,49	450	481
	Apr. 10	51,34	+ 1,40	2,72	− 0,52		
	Jul. 19	52,74	+ 1,25	2,20	− 0,56		
	Oct. 27	53,99	+ 1,10	1,64	− 0,59		
	Dec. 66	55,09		1,05			
1846	Jan. 0	1 4 11,78	+ 0,98	88 29 20,54	− 0,61	397	849
	Apr. 10	12,76	+ 0,80	19,93	− 0,63		
	Jul. 19	13,56	+ 0,61	19,30	− 0,63		
	Oct. 27	14,17	+ 0,43	18,67	− 0,65		
	Dec. 66	14,60		18,02			
1847	Jan. 0	1 4 31,64	+ 0,29	88 29 37,52	− 0,66	343	218
	Apr. 10	31,93	+ 0,09	36,86	− 0,65		
	Jul. 19	32,02	− 0,11	36,21	− 0,64		
	Oct. 27	31,91	− 0,31	35,57	− 0,63		
	Dec. 66	31,60		34,94			
1848	Jan. 1	1 4 48,99	− 0,44	88 29 54,43	− 0,62	289	586
	Apr. 10	48,55	− 0,63	53,81	− 0,60		
	Jul. 19	47,92	− 0,83	53,21	− 0,56		
	Oct. 27	47,09	− 1,01	52,65	− 0,54		
	Dec. 66	46,08		52,11			
1849	Jan. 0	1 5 3,82	− 1,13	88 30 11,56	− 0,51	235	954
	Apr. 10	2,69	− 1,28	11,05	− 0,47		
	Jul. 19	1,41	− 1,44	10,58	− 0,42		
	Oct. 27	4 59,97	− 1,59	10,16	− 0,38		
	Dec. 66	58,38		9,78			

Tabulae X. Sect. V. *α Ursae minoris.*

	Corr. A. R. pro 1840		Variatio annua		Corr. Decl. pro 1840		Variatio annua		Mot. Arg. ☉+♄	☽
	″	″	″		″	″	″			
Jan. 0	+ 7,55	−7,87	+0,0861	−258	+20,01	+0,68	−0,0024	+31	000	000
10	− 0,32	−7,97	+0,0603	−280	+20,69	+0,02	+0,0007	+38	026	365
20	− 8,29	−7,76	+0,0323	−294	+20,71	−0,63	+0,0045	+41	052	730
30	−16,05	−7,26	+0,0029	−295	+20,08	−1,24	+0,0086	+36	078	095
Febr. 9	−23,31	−6,47	−0,0266	−284	+18,84	−1,81	+0,0122	+32	103	460
19	−29,78	−5,43	−0,0550	−258	+17,03	−2,28	+0,0154	+27	129	825
Mart. 1	−35,21	−4,17	−0,0808	−226	+14,75	−2,66	+0,0181	+21	155	190
11	−39,38	−2,77	−0,1034	−186	+12,09	−2,93	+0,0202	+13	181	555
21	−42,15	−1,27	−0,1220	−136	+ 9,16	−3,06	+0,0215	+ 6	207	920
31	−43,42	+0,26	−0,1356	− 84	+ 6,10	−3,09	+0,0221	− 3	233	285
Apr. 10	−43,16	+1,75	−0,1440	− 30	+ 3,01	−2,98	+0,0218	− 9	258	650
20	−41,41	+3,16	−0,1470	+ 27	+ 0,03	−2,76	+0,0209	−15	284	015
30	−38,25	+4,44	−0,1443	+ 80	− 2,73	−2,45	+0,0194	−23	310	380
Maj. 10	−33,81	+5,56	−0,1363	+131	− 5,18	−2,06	+0,0171	−28	336	745
20	−28,25	+6,47	−0,1232	+176	− 7,24	−1,60	+0,0143	−31	362	110
30	−21,78	+7,18	−0,1056	+214	− 8,84	−1,09	+0,0112	−34	388	475
Jun. 9	−14,60	+7,68	−0,0842	+247	− 9,93	−0,53	+0,0078	−39	413	840
19	− 6,92	+7,95	−0,0595	+272	−10,46	−0,02	+0,0039	−38	439	205
29	+ 1,03	+8,03	−0,0323	+291	−10,48	+0,55	+0,0001	−39	465	570
Jul. 9	+ 9,06	+7,90	−0,0032	+302	− 9,93	+1,09	−0,0038	−40	491	935
19	+16,96	+7,60	+0,0270	+308	− 8,84	+1,59	−0,0078	−36	517	300
29	+24,56	+7,13	+0,0578	+304	− 7,25	+2,07	−0,0114	−34	543	665
Aug. 8	+31,69	+6,51	+0,0882	+296	− 5,18	+2,49	−0,0148	−33	568	030
18	+38,20	+5,77	+0,1178	+283	− 2,69	+2,87	−0,0181	−28	594	395
28	+43,97	+4,90	+0,1461	+262	+ 0,18	+3,20	−0,0209	−25	620	760
Sept. 7	+48,87	+3,93	+0,1723	+239	+ 3,38	+3,45	−0,0234	−19	646	125
17	+52,80	+2,88	+0,1962	+208	+ 6,83	+3,64	−0,0253	−13	672	490
27	+55,68	+1,74	+0,2170	+171	+10,47	+3,76	−0,0266	− 9	698	855
Oct. 7	+57,42	+0,56	+0,2341	+134	+14,23	+3,80	−0,0275	− 2	723	220
17	+57,98	−0,67	+0,2475	+ 89	+18,03	+3,76	−0,0277	+ 4	749	585
27	+57,31	−1,92	+0,2564	+ 40	+21,79	+3,63	−0,0273	+11	775	950
Nov. 6	+55,39	−3,15	+0,2604	− 10	+25,42	+3,42	−0,0262	+16	801	315
16	+52,24	−4,33	+0,2594	− 60	+28,84	+3,11	−0,0246	+23	827	680
26	+47,91	−5,43	+0,2534	−111	+31,95	+2,71	−0,0223	+27	853	045
Dec. 6	+42,48	−6,37	+0,2423	−158	+34,66	+2,24	−0,0196	+34	879	410
16	+36,11	−7,15	+0,2265	−203	+36,90	+1,68	−0,0162	+36	904	775
26	+28,96	−7,69	+0,2062	−237	+38,58	+1,08	−0,0126	+40	930	140
36	+21,27		+0,1825		+39,66		−0,0086		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori { ante / post } Apr. 6 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Oct. 9 { + 1,5 / + 2,5 }

Tabulae X. Sect. V. *α Ursae minoris.*

Motus Arg.		
Dies	☉+♌	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ☉+♌		
Arg.	A. R.	Arg.
000	—″0,03 +	500
010	—0,03 +	510
020	—0,03 +	520
030	—0,02 +	530
040	—0,02 +	540
050	—0,02 +	550
060	—0,01 +	560
070	—0,01 +	570
080	0,00	580
090	0,00	590
100	+0,01 —	600
110	+0,01 —	610
120	+0,02 —	620
130	+0,02 —	630
140	+0,02 —	640
150	+0,03 —	650
160	+0,03 —	660
170	+0,03 —	670
180	+0,04 —	680
190	+0,04 —	690
200	+0,04 —	700
210	+0,05 —	710
220	+0,05 —	720
230	+0,05 —	730
240	+0,06 —	740
250	+0,06 —	750
260	+0,06 —	760
270	+0,06 —	770
280	+0,06 —	780
290	+0,06 —	790
300	+0,07 —	800
310	+0,07 —	810
320	+0,07 —	820
330	+0,07 —	830
340	+0,07 —	840
350	+0,07 —	850
360	+0,07 —	860
370	+0,07 —	870
380	+0,06 —	880
390	+0,06 —	890
400	+0,06 —	900
410	+0,06 —	910
420	+0,06 —	920
430	+0,06 —	930
440	+0,05 —	940
450	+0,05 —	950
460	+0,05 —	960
470	+0,05 —	970
480	+0,04 —	980
490	+0,04 —	990

Arg. ☽			
Arg.	Arg.	A. R.	Decl.
000	500	—″0,21	+″0,02
010	510	—0,22	+0,01
020	520	—0,22	0,00
030	530	—0,22	—0,01
040	540	—0,22	—0,02
050	550	—0,21	—0,03
060	560	—0,20	—0,04
070	570	—0,18	—0,04
080	580	—0,17	—0,05
090	590	—0,15	—0,06
100	600	—0,13	—0,07
110	610	—0,10	—0,07
120	620	—0,08	—0,08
130	630	—0,05	—0,08
140	640	—0,03	—0,08
150	650	0,00	—0,08
160	660	+0,03	—0,08
170	670	+0,06	—0,08
180	680	+0,08	—0,07
190	690	+0,11	—0,07
200	700	+0,13	—0,06
210	710	+0,15	—0,05
220	720	+0,17	—0,05
230	730	+0,19	—0,04
240	740	+0,20	—0,03
250	750	+0,21	—0,02
260	760	+0,22	—0,01
270	770	+0,22	0,00
280	780	+0,22	+0,01
290	790	+0,22	+0,02
300	800	+0,21	+0,03
310	810	+0,20	+0,04
320	820	+0,18	+0,04
330	830	+0,17	+0,05
340	840	+0,15	+0,06
350	850	+0,13	+0,07
360	860	+0,10	+0,07
370	870	+0,08	+0,08
380	880	+0,05	+0,08
390	890	+0,03	+0,08
400	900	0,00	+0,08
410	910	—0,03	+0,08
420	920	—0,06	+0,08
430	930	—0,08	+0,07
440	940	—0,11	+0,07
450	950	—0,13	+0,06
460	960	—0,15	+0,06
470	970	—0,17	+0,05
480	980	—0,19	+0,04
490	990	—0,20	+0,03

Tabulae X. Sect. V. *α Ursae minoris.*

	A. R. med.		Decl. med.	
	^{h} $'$ $''$	+	$^\circ$ $'$ $''$	+
1830	0 59 31,708	15,522	88 24 8,428	19,384
1831	59 47,230	15,617	24 27,812	19,378
1832	1 0 2,847	15,712	24 47,190	19,372
1833	0 18,559	15,810	25 6,562	19,366
1834	0 34,369	15,907	25 26,928	19,360
1835	0 50,276	16,006	25 45,288	19,354
1836	1 6,282	16,105	26 4,642	19,347
1837	1 22,387	16,207	26 23,989	19,341
1838	1 38,594	16,307	26 43,330	19,334
1839	1 54,901	16,411	27 2,664	19,328
1840	2 11,312	16,514	27 21,992	19,321
1841	2 27,826	16,619	27 41,313	19,315
1842	2 44,445	16,725	28 0,628	19,308
1843	3 1,170	16,832	28 19,936	19,301
1844	3 18,002	16,940	28 39,237	19,295
1845	3 34,942	17,049	28 58,532	19,288
1846	3 51,991	17,160	29 17,820	19,280
1847	4 9,151	17,271	29 37,100	19,273
1848	4 26,422	17,383	29 56,373	19,266
1849	4 43,805	17,497	30 15,639	19,259
1850	5 1,302		30 34,898	

Tabulae X. Sect. V. δ *Ursae minoris.*

		h $'$ $''$	$''$	° $'$ $''$	$''$	☽
1830	Jan. 0	18 27 9,99	+ 0,57	86 35 15,67	— 0,22	984
	Apr. 10	10,56	+ 0,55	15,45	— 0,28	
	Jul. 19	11,11	+ 0,52	15,17	— 0,37	
	Oct. 27	11,63	+ 0,49	14,80	— 0,43	
	Dec. 66	12,12		14,37		
1831	Jan. 0	18 26 52,80	+ 0,47	86 35 16,90	— 0,48	352
	Apr. 10	53,27	+ 0,42	16,42	— 0,53	
	Jul. 19	53,69	+ 0,38	15,89	— 0,59	
	Oct. 27	54,07	+ 0,35	15.30	— 0,65	
	Dec. 66	54,42		14,65		
1832	Jan. 1	18 26 35,14	+ 0,31	86 35 17,22	— 0,68	720
	Apr. 10	35,45	+ 0,26	16,54	— 0,71	
	Jul. 19	35,71	+ 0,20	15,83	— 0,75	
	Oct. 27	35,91	+ 0,15	15,08	— 0,78	
	Dec. 66	36,06		14,30		
1833	Jan. 0	18 26 16,84	+ 0,12	86 35 16,88	— 0,80	89
	Apr. 10	16,96	+ 0,06	16,08	— 0,81	
	Jul. 19	17,02	0,00	15,27	— 0,82	
	Oct. 27	17,02	— 0,05	14,45	— 0,82	
	Dec. 66	16,97		13,63		
1834	Jan. 0	18 25 57,81	— 0,08	86 35 16,19	— 0,82	457
	Apr. 10	57,73	— 0,14	15,37	— 0,81	
	Jul. 19	57,59	— 0,20	14,56	— 0,80	
	Oct. 27	57,39	— 0,24	13,76	— 0,78	
	Dec. 66	57,15		12,98		
1835	Jan. 0	18 25 38,05	— 0,27	86 35 15,50	— 0,76	825
	Apr. 10	37,78	— 0,32	14,74	— 0,72	
	Jul. 19	37,46	— 0,36	14,02	— 0,69	
	Oct. 27	37,10	— 0,40	13,33	— 0,64	
	Dec. 66	36,70		12,69		
1836	Jan. 1	18 25 17,64	— 0,43	86 35 15,13	— 0,61	193
	Apr. 10	17,21	— 0,45	14,52	— 0,56	
	Jul. 19	16,76	— 0,49	13,96	— 0,50	
	Oct. 27	16,27	— 0,52	13,46	— 0,45	
	Dec. 66	15,75		13,01		
1837	Jan. 0	18 24 56,72	— 0,53	86 35 15,36	— 0,40	562
	Apr. 10	56,19	— 0,54	14,96	— 0,34	
	Jul. 19	55,65	— 0,57	14,62	— 0,27	
	Oct. 27	55,08	— 0,57	14,35	— 0,20	
	Dec. 66	54,51		14,15		
1838	Jan. 0	18 24 35,49	— 0,58	86 35 16,39	— 0,15	930
	Apr. 10	34,91	— 0,58	16,24	— 0,08	
	Jul. 19	34,33	— 0,57	16,16	— 0,01	
	Oct. 27	33,76	— 0,58	16,15	+ 0,06	
	Dec. 66	33,18		16,21		
1839	Jan. 0	18 24 14,16	— 0,57	86 35 18,33	+ 0,12	298
	Apr. 10	13,59	— 0,55	18,45	+ 0,18	
	Jul. 19	13,04	— 0,53	18,63	+ 0,26	
	Oct. 27	12,51	— 0,51	18,89	+ 0,32	
	Dec. 66	12,00		19,21		

Tabulae X. Sect. V. δ *Ursae minoris.*

		α		δ		D
		h ′ ″	″	° ′ ″	″	
1840	Jan. 1	18 23 52,94	— 0,49	86 35 21,21	+ 0,37	666
	Apr. 10	52,45	— 0,47	21,58	+ 0,43	
	Jul. 19	51,98	— 0,43	22,01	+ 0,49	
	Oct. 27	51,55	— 0,40	22,50	+ 0,55	
	Dec. 66	51,15		23,05		
1841	Jan. 0	18 23 32,05	— 0,37	86 35 24,95	+ 0,59	35
	Apr. 10	31,68	— 0,32	25,54	+ 0,63	
	Jul. 19	31,36	— 0,29	26,17	+ 0,67	
	Oct. 27	31,07	— 0,24	26,84	+ 0,72	
	Dec. 66	30,83		27,56		
1842	Jan. 0	18 23 11,67	— 0,21	86 35 29,38	+ 0,74	403
	Apr. 10	11,46	— 0,15	30,12	+ 0,77	
	Jul. 19	11,31	— 0,11	30,89	+ 0,78	
	Oct. 27	11,20	— 0,05	31,67	+ 0,82	
	Dec. 66	11,15		32,49		
1843	Jan. 0	18 22 51,92	— 0,02	86 35 34,25	+ 0,82	771
	Apr. 10	51,90	+ 0,04	35,07	+ 0,82	
	Jul. 19	51.94	+ 0,09	35,89	+ 0,82	
	Oct. 27	52,03	+ 0,15	36,71	+ 0,81	
	Dec. 66	52,18		37,52		
1844	Jan. 1	18 22 32,88	+ 0,18	86 35 39,26	+ 0,80	139
	Apr. 10	33,06	+ 0,23	40,06	+ 0,78	
	Jul. 19	33,29	+ 0,28	40,84	+ 0,75	
	Oct. 27	33,57	+ 0,34	41,59	+ 0,73	
	Dec. 66	33,91		42,32		
1845	Jan. 0	18 22 14,53	+ 0,37	86 35 44,06	+ 0,70	508
	Apr. 10	14,90	+ 0,40	44,76	+ 0,65	
	Jul. 19	15,30	+ 0,45	45,41	+ 0,60	
	Oct. 27	15,75	+ 0,49	46,01	+ 0,55	
	Dec. 66	16,24		46,56		
1846	Jan. 0	18 21 56,80	+ 0,51	86 35 48,34	+ 0,51	876
	Apr. 10	57,31	+ 0,54	48,85	+ 0,44	
	Jul. 19	57,85	+ 0,56	49,29	+ 0,38	
	Oct. 27	58,41	+ 0,58	49,67	+ 0,30	
	Dec. 66	58,99		49,97		
1847	Jan. 0	18 21 39,52	+ 0,59	86 35 51,80	+ 0,26	244
	Apr. 10	40,11	+ 0,60	52,06	+ 0,18	
	Jul. 19	40,71	+ 0,61	52,24	+ 0,10	
	Oct. 27	41,32	+ 0,61	52,34	+ 0,03	
	Dec. 66	41,93		52,37		
1848	Jan. 1	18 21 22,45	+ 0,61	86 35 54,27	— 0,02	612
	Apr. 10	23,06	+ 0,59	54,25	— 0,11	
	Jul. 19	23,65	+ 0,58	54,14	— 0,18	
	Oct. 27	24,23	+ 0,57	53,96	— 0,26	
	Dec. 66	24,80		53,70		
1849	Jan. 0	18 21 5,33	+ 0,55	86 35 55,67	— 0,31	981
	Apr. 10	5,88	+ 0,52	55,36	— 0,37	
	Jul. 19	6,40	+ 0,49	54,99	— 0,45	
	Oct. 27	6,89	+ 0,46	54,54	— 0,51	
	Dec. 66	7,35		54,03		

Tabulae X. Sect. V. δ *Ursae minoris.*

	Corr. A. R. pro 1840		Variatio annua		Corr. Decl. pro 1840		Variatio annua		Mot. ☽
Jan. 0	−22,73	− 0,02	−0,0029	+51	− 0,65	− 3,37	−0,0231	− 1	000
10	−22,75	+ 0,70	+0,0022	+50	− 4,02	− 3,27	−0,0232	+ 7	365
20	−22,05	+ 1,40	+0,0072	+49	− 7,29	− 3,07	−0,0275	+16	730
30	−20,65	+ 2,03	+0,0121	+44	−10,36	− 2,74	−0,0259	+24	095
Febr. 9	−18,62	+ 2,57	+0,0165	+40	−13,10	− 2,32	−0,0235	+31	460
19	−16,05	+ 3,01	+0,0205	+32	−15,42	− 1,80	−0,0204	+36	825
Mart 1	−13,04	+ 3,32	+0,0237	+25	−17,22	− 1,23	−0,0163	+40	190
11	− 9,72	+ 3,51	+0,0262	+16	−18,45	− 0,61	−0,0128	+43	555
21	− 6,21	+ 3,54	+0,0278	+ 6	−19,06	+ 0,03	−0,0085	+43	920
31	− 2,67	+ 3,46	+0,0284	− 4	−19,03	+ 0,65	−0,0042	+42	285
Apr. 10	+ 0,79	+ 3,23	+0,0280	−12	−18,38	+ 1,23	0,0000	+40	650
20	+ 4,02	+ 2,90	+0,0268	−22	−17,15	+ 1,76	+0,0040	+35	015
30	+ 6,92	+ 2,46	+0,0246	−29	−15,39	+ 2,23	+0,0075	+30	380
Maj. 10	+ 9,38	+ 1,96	+0,0217	−36	−13,16	+ 2,60	+0,0105	+23	745
20	+11,34	+ 1,39	+0,0181	−42	−10,56	+ 2,90	+0,0128	+16	110
30	+12,73	+ 0,78	+0,0139	−46	− 7,66	+ 3,09	+0,0144	+ 9	475
Jun. 9	+13,51	+ 0,15	+0,0093	−49	− 4,57	+ 3,19	+0,0153	0	840
19	+13,66	− 0,48	+0,0044	−51	− 1,38	+ 3,21	+0,0153	− 7	205
29	+13,18	− 1,10	−0,0007	−50	+ 1,83	+ 3,14	+0,0146	−16	570
Jul. 9	+12,08	− 1,69	−0,0057	−49	+ 4,97	+ 3,00	+0,0130	−22	935
19	+10,39	− 2,24	−0,0106	−47	+ 7,97	+ 2,77	+0,0108	−29	300
29	+ 8,15	− 2,73	−0,0153	−45	+10,74	+ 2,51	+0,0079	−36	665
Aug. 8	+ 5,42	− 3,17	−0,0198	−38	+13,25	+ 2,17	+0,0043	−41	030
18	+ 2,25	− 3,55	−0,0236	−34	+15,42	+ 1,79	+0,0002	−45	395
28	− 1,30	− 3,85	−0,0270	−27	+17,21	+ 1,38	−0,0043	−49	760
Sept. 7	− 5,15	− 4,06	−0,0297	−22	+18,59	+ 0,93	−0,0092	−51	125
17	− 9,21	− 4,19	−0,0319	−14	+19,52	+ 0,47	−0,0143	−53	490
27	−13,40	− 4,24	−0,0333	− 7	+19,99	− 0,03	−0,0196	−54	855
Oct. 7	−17,64	− 4,19	−0,0340	+ 2	+19,96	− 0,52	−0,0250	−52	220
17	−21,83	− 4,04	−0,0338	+ 9	+19,44	− 1,02	−0,0302	−51	585
27	−25,87	− 3,79	−0,0329	+17	+18,42	− 1,51	−0,0353	−48	950
Nov. 6	−29,66	− 3,44	−0,0312	+24	+16,91	− 1,96	−0,0401	−44	315
16	−33,10	− 3,00	−0,0288	+32	+14,95	− 2,39	−0,0445	−38	680
26	−36,10	− 2,46	−0,0256	+38	+12,56	− 2,76	−0,0483	−31	045
Dec. 6	−38,56	− 1,85	−0,0218	+43	+ 9,80	− 3,06	−0,0514	−24	410
16	−40,41	− 1,18	−0,0175	+47	+ 6,74	− 3,25	−0,0538	−16	775
26	−41,59	− 0,47	−0,0128	+50	+ 3,49	− 3,36	−0,0554	− 7	140
36	−42,06		−0,0078		+ 0,13		−0,0561		505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori { ante / post } Dec. 23 { + 1 / + 2 }

pro Culminatione inferiori { ante / post } Jun. 28 { + 0,5 / + 1,5 }

Tabulae X. Sect. V. δ *Ursae minoris.*

Motus Arg.

Dies	☽
1	37
2	73
3	110
4	146
5	183
6	219
7	256
8	292
9	329
10	365

Argumentum ☽

Arg.	Arg.	A. R.	Decl.	Arg.	Arg.
		″	″		
000	500	— 0,01 +	— 0,09 +	250	750
010	510	0,00	— 0,09 +	260	760
020	520	+ 0,01 —	— 0,09 +	270	770
030	530	+ 0,02 —	— 0,08 +	280	780
040	540	+ 0,03 —	— 0,08 +	290	790
050	550	+ 0,04 —	— 0,08 +	300	800
060	560	+ 0,05 —	— 0,07 +	310	810
070	570	+ 0,05 —	— 0,06 +	320	820
080	580	+ 0,06 —	— 0,05 +	330	830
090	590	+ 0,07 —	— 0,04 +	340	840
100	600	+ 0,07 —	— 0,03 +	350	850
110	610	+ 0,07 —	— 0,02 +	360	860
120	620	+ 0,03 —	— 0,01 +	370	870
130	630	+ 0,08 —	0,00	380	880
140	640	+ 0,08 —	+ 0,01 —	390	890
150	650	+ 0,08 —	+ 0,02 —	400	900
160	660	+ 0,07 —	+ 0,03 —	410	910
170	670	+ 0,07 —	+ 0,04 —	420	920
180	680	+ 0,07 —	+ 0,05 —	430	930
190	690	+ 0,06 —	+ 0,06 —	440	940
200	700	+ 0,05 —	+ 0,07 —	450	950
210	710	+ 0,05 —	+ 0,07 —	460	960
220	720	+ 0,04 —	+ 0,08 —	470	970
230	730	+ 0,03 —	+ 0,08 —	480	980
240	740	+ 0,02 —	+ 0,09 —	490	990
250	750	+ 0,01 —	+ 0,09 —	500	1000

Tabulae X. Sect. V. δ *Ursae minoris.*

	A. R. med.		Decl. med.	
	h ′ ″	—	° ′ ″	+
1810	18 33 29,358	″ 18,982	86 34 13,653	″ 2,921
1811	33 10,376	18,991	34 16,574	2,893
1812	32 51,385	19,001	34 19,467	2,866
1813	32 32,384	19,010	34 22,333	2,837
1814	32 13,374	19,020	34 25,170	2,812
1815	31 54,354	19,028	34 27,982	2,784
1816	31 35,326	19,038	34 30,766	2,756
1817	31 16,288	19,047	34 33,522	2,728
1818	30 57,241	19,056	34 36,250	2,701
1819	30 38,185	19,065	34 38,951	2,673
1820	30 19,120	19,073	34 41,624	2,646
1821	30 0,047	19,083	34 44,270	2,618
1822	29 40,964	19,090	34 46,888	2,590
1823	29 21,874	19,100	34 49,478	2,562
1824	29 2,774	19,108	34 52,040	2,536
1825	28 43,666	19,116	34 54,576	2,508
1826	28 24,550	19,124	34 57,084	2,480
1827	28 5,426	19,133	34 59,564	2,452
1828	27 46,293	19,141	35 2,016	2,424
1829	27 27,152	19,148	35 4,440	2,397
1830	27 8,004	19,157	35 6,837	2,369
1831	26 48,847	19,164	35 9,206	2,341
1832	26 29,683	19,172	35 11,547	2,313
1833	26 10,511	19,180	35 13,860	2,287
1834	25 51,331	19,187	35 16,147	2,258
1835	25 32,144	19,194	35 18,405	2,230
1836	25 12,950	19,202	35 20,635	2,203
1837	24 53,748	19,210	35 22,838	2,174
1838	24 34,538	19,216	35 25,012	2,147
1839	24 15,322	19,224	35 27,159	2,119
1840	23 56,098	19,230	35 29,278	2,091
1841	23 36,868	19,238	35 31,369	2,063
1842	23 17,630	19,244	35 33,432	2,036
1843	22 58,386	19,251	35 35,468	2,007
1844	22 39,135	19,258	35 37,475	1,980
1845	22 19,877	19,264	35 39,455	1,951
1846	22 0,613	19,271	35 41,406	1,924
1847	21 41,342	19,277	35 43,330	1,896
1848	21 22,065	19,283	35 45,226	1,867
1849	21 2,782	19,290	35 47,093	1,840
1850	20 43,492		35 48,933	

Tabula XI.

Declinationes Stellarum in Specula Grenovicensi saepe observatarum.

h Geminorum. $g' = 0{,}467$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
	° ′ ″	″					
1750	23 14 57,870	+ 0,8594	9,9362	9,9995 *n*	7,6708	8,2301	9,0390 *n*
1760	15 6,198	+ 0,8062	9,9617	9,9995 *n*	7,6599	8,2557	9,0390 *n*
1770	15 13,994	+ 0,7531	9,9853	9,9996 *n*	7,6490	8,2298	9,0390 *n*
1780	15 21,260	+ 0,7000	9,9082	9,9996 *n*	7,6391	8,2022	9,0390 *n*
1790	15 27,994	+ 0,6469	9,8787	9,9997 *n*	7,6291	8,1728	9,0390 *n*
1800	15 34,198	+ 0,5938	9,8470	9,9997 *n*	7,6192	8,1412	9,0390 *n*
1810	15 39,869	+ 0,5406	9,8129	9,9998 *n*	7,6093	8,1071	9,0390 *n*
1820	15 45,010	+ 0,4875	9,7759	9,9998 *n*	7,6003	8,0701	9,0390 *n*
1830	15 49,619	+ 0,4344	9,7354	9,9998 *n*	7,5914	8,0297	9,0390 *n*
1840	15 53,698	+ 0,3813	9,6907	9,9999 *n*	7,5830	7,9850	9,0390 *n*
1850	15 57,245	+ 0,3281	9,6409	9,9999 *n*	7,5745	7,9353	9,0390 *n*

η Geminorum. $g' = 0{,}474$

	° ′ ″	″					
1750	22 33 8,002	+ 0,0123	8,2690	0,0000 *n*	8,2428	6,5504	7,7708 *n*
1760	33 7,866	— 0,0400	8,5346 *n*	0,0000 *n*	8,2422	6,8159 *n*	7,7708 *n*
1770	33 7,201	— 0,0928	8,9397 *n*	0,0000 *n*	8,2418	7,2211 *n*	7,7708 *n*
1780	33 6,009	— 0,1456	9,1456 *n*	0,0000 *n*	8,2418	7,4271 *n*	7,7708 *n*
1790	33 4,289	— 0,1984	9,2847 *n*	0,0000 *n*	8,2417	7,5662 *n*	7,7708 *n*
1800	33 2,041	— 0,2513	9,3899 *n*	0,0000 *n*	8,2417	7,6714 *n*	7,7708 *n*
1810	32 59,264	— 0,3041	9,4745 *n*	0,0000 *n*	8,2417	7,7560 *n*	7,7708 *n*
1820	32 55,960	— 0,3568	9,5453 *n*	9,9999 *n*	8,2419	7,8267 *n*	7,7708 *n*
1830	32 52,128	— 0,4097	9,6060 *n*	9,9999 *n*	8,2422	7,8874 *n*	7,7708 *n*
1840	32 47,767	— 0,4625	9,6595 *n*	9,9999 *n*	8,2427	7,9409 *n*	7,7708 *n*
1850	32 42,879	— 0,5152	9,7070 *n*	9,9999 *n*	8,2434	7,9884 *n*	7,7708 *n*

μ Geminorum. $g' = 0{,}480$

	° ′ ″	″					
1750	22 36 54,244	— 0,7957	9,8361 *n*	9,9998 *n*	8,2178	8,1186 *n*	9,0449 *n*
1760	36 46,023	— 0,8485	9,8684 *n*	9,9997 *n*	8,2193	8,1509 *n*	9,0449 *n*
1770	36 37,274	— 0,9014	9,8984 *n*	9,9997 *n*	8,2210	8,1808 *n*	9,0449 *n*
1780	36 27,995	— 0,9544	9,9265 *n*	9,9996 *n*	8,2227	8,2089 *n*	9,0449 *n*
1790	36 18,187	— 1,0073	9,9529 *n*	9,9996 *n*	8,2243	8,2353 *n*	9,0449 *n*
1800	36 7,850	— 1,0601	9,9777 *n*	9,9995 *n*	8,2257	8,2601 *n*	9,0449 *n*
1810	35 56,985	— 1,1130	0,0013 *n*	9,9995 *n*	8,2285	8,2836 *n*	9,0449 *n*
1820	35 45,590	— 1,1659	0,0236 *n*	9,9994 *n*	8,2308	8,3059 *n*	9,0449 *n*
1830	35 33,667	— 1,2188	0,0448 *n*	9,9993 *n*	8,2331	8,3271 *n*	9,0449 *n*
1840	35 21,214	— 1,2717	0,0650 *n*	9,9993 *n*	8,2358	8,3473 *n*	9,0449 *n*
1850	35 8,233	— 1,3245	0,0843 *n*	9,9992 *n*	8,2386	8,3665 *n*	9,0449 *n*

Tabula XI. *continuata.*

Declinationes Stellarum in Specula Grenovicensi saepe observatarum.

ν Geminorum. $g' = 0{,}484$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	20° 20′ 37″,521	— 1″,2312	0,0917 n	9,9992 n	8,7792	8,3304 n	7,5911
1760	20 24,950	— 1,2830	0,1095 n	9,9991 n	8,7799	8,3482 n	7,5911
1770	20 11,861	— 1,3348	0,1267 n	9,9990 n	8,7807	8,3653 n	7,5911
1780	19 58,254	— 1,3866	0,1432 n	9,9990 n	8,7815	8,3817 n	7,5911
1790	19 44,129	— 1,4383	0,1590 n	9,9989 n	8,7823	8,3975 n	7,5911
1800	19 29,487	— 1,4900	0,1744 n	9,9988 n	8,7831	8,4128 n	7,5911
1810	19 14,328	— 1,5418	0,1891 n	9,9987 n	8,7839	8,4275 n	7,5911
1820	18 58,650	— 1,5937	0,2034 n	9,9986 n	8,7848	8,4417 n	7,5911
1830	18 42,455	— 1,6454	0,2173 n	9,9985 n	8,7858	8,4555 n	7,5911
1840	18 25,742	— 1,6972	0,2307 n	9,9984 n	8,7868	8,4688 n	7,5911
1850	18 8,511	— 1,7490	0,2437 n	9,9983 n	8,7878	8,4818 n	7,5911

γ Geminorum. $g' = 0{,}490$

1750	16° 35′ 13″,237	— 2″,0749	0,3082 n	9,9978 n	9,1211	8,4614 n	8,6181 n
1760	34 52,237	— 2,1251	0,3188 n	9,9976 n	9,1216	8,4718 n	8,6181 n
1770	34 30,735	— 2,1753	0,3292 n	9,9975 n	9,1221	8,4820 n	8,6181 n
1780	34 8,732	— 2,2255	0,3393 n	9,9974 n	9,1227	8,4920 n	8,6181 n
1790	33 46,226	— 2,2757	0,3491 n	9,9973 n	9,1233	8,5017 n	8,6181 n
1800	33 23,219	— 2,3258	0,3588 n	9,9972 n	9,1238	8,5113 n	8,6181 n
1810	32 59,711	— 2,3760	0,3682 n	9,9970 n	9,1244	8,5206 n	8,6181 n
1820	32 35,700	— 2,4262	0,3774 n	9,9969 n	9,1250	8,5296 n	8,6181 n
1830	32 11,188	— 2,4763	0,3865 n	9,9968 n	9,1256	8,5385 n	8,6181 n
1840	31 46,174	— 2,5265	0,3953 n	9,9966 n	9,1262	8,5472 n	8,6181 n
1850	31 20,659	— 2,5766	0,4040 n	9,9965 n	9,1269	8,5557 n	8,6181 n

ε Geminorum. $g' = 0{,}494$

1750	25° 21′ 4,621	— 2″,4908	0,3966 n	9,9966 n	8,5111 n	7,7258 n	7,1271
1760	20 39,446	— 2,5442	0,4058 n	9,9965 n	8,5077 n	7,7349 n	7,1271
1770	20 13,738	— 2,5975	0,4148 n	9,9963 n	8,5042 n	7,7438 n	7,1271
1780	19 47,497	— 2,6508	0,4236 n	9,9962 n	8,5005 n	7,7525 n	7,1271
1790	19 20,723	— 2,7042	0,4323 n	9,9960 n	8,4967 n	7,7611 n	7,1271
1800	18 53,415	— 2,7575	0,4407 n	9,9959 n	8,4929 n	7,7694 n	7,1271
1810	18 25,574	— 2,8108	0,4490 n	9,9957 n	8,4891 n	7,7777 n	7,1271
1820	17 57,200	— 2,8641	0,4572 n	9,9955 n	8,4850 n	7,7857 n	7,1271
1830	17 28,293	— 2,9174	0,4652 n	9,9954 n	8,4808 n	7,7936 n	7,1271
1840	16 58,852	— 2,9703	0,4730 n	9,9952 n	8,4765 n	7,8013 n	7,1271
1850	16 28,878	— 3,0241	0,4807 n	9,9950 n	8,4722 n	7,8089 n	7,1271

Tabula XI. *continuata.*

Declinationes Stellarum in Specula Grenovicensi saepe observatarum.

ζ Geminorum. $g' = 0{,}508$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	20° 54′ 41″,761	— 4″,2795	0,6314 n	9,9899 n	8,7552	8,8816 n	6,6785
1760	53 58,713	— 4,3301	0,6365 n	9,9896 n	8,7582	8,8865 n	6,6785
1770	53 15,160	— 4,3806	0,6416 n	9,9894 n	8,7613	8,8913 n	6,6785
1780	52 31,102	— 4,4311	0,6466 n	9,9891 n	8,7643	8,8961 n	6,6785
1790	51 46,539	— 4,4816	0,6515 n	9,9889 n	8,7674	8,9008 n	6,6785
1800	51 1,471	— 4,5321	0,6564 n	9,9886 n	8,7704	8,9054 n	6,6785
1810	50 15,898	— 4,5826	0,6612 n	9,9884 n	8,7735	8,9100 n	6,6785
1820	49 29,820	— 4,6331	0,6659 n	9,9881 n	8,7766	8,9145 n	6,6785
1830	48 43,237	— 4,6835	0,6706 n	9,9878 n	8,7797	8,9190 n	6,6785
1840	47 56,150	— 4,7340	0,6752 n	9,9876 n	8,7828	8,9234 n	6,6785
1850	47 8,557	— 4,7846	0,6798 n	9,9873 n	8,7859	8,9277 n	6,6785

γ Draconis. $g' = 0{,}967$

1750	51° 31′ 44″,494	— 0″,8150	9,9056 n	9,9997	0,0222	8,4969 n	8,0389 n
1760	31 36,444	— 0,7948	9,8945 n	9,9997	0,0222	8,4858 n	8,0389 n
1770	31 28,597	— 0,7746	9,8831 n	9,9997	0,0222	8,4744 n	8,0389 n
1780	31 20,952	— 0,7544	9,8714 n	9,9997	0,0222	8,4627 n	8,0389 n
1790	31 13,510	— 0,7342	9,8593 n	9,9997	0,0222	8,4507 n	8,0389 n
1800	31 6,269	— 0,7339	9,8470 n	9,9997	0,0222	8,4383 n	8,0389 n
1810	30 59,231	— 0,7137	9,8342 n	9,9998	0,0222	8,4256 n	8,0389 n
1820	30 52,395	— 0,6935	9,8211 n	9,9998	0,0222	8,4125 n	8,0389 n
1830	30 45,761	— 0,6733	9,8076 n	9,9998	0,0222	8,3989 n	8,0389 n
1840	30 38,329	— 0,6530	9,7936 n	9,9998	0,0222	8,3850 n	8,0389 n
1850	30 33,100	— 0,6328	9,7691 n	9,9998	0,0222	8,3705 n	8,0389 n

Tabula XII.

Reductio observationum Solis.

Januarius.

C	*B*	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
					—		—	—			
0	1	2′ 22″,09	−0″,01	0,03758	0,426	1,087	0″,32	6,291	16′ 17″,31	−0″,04	
1	2	22,00	0,00	3732	0,425	1,086	0,35	6,290	17,31	−0,03	
2	3	21,91	0,00	3703	0,423	1,086	0,38	6,289	17,30	−0,02	
3	4	21,80	0,00	3673	0,421	1,085	0,41	6,288	17,28	−0,01	
4	5	21,69	0,00	3640	0,419	1,084	0,44	6,286	17,26	0,00	
5	6	21,57	0,00	3604	0,417	1,083	0,47	6,285	17,23	+0,01	
6	7	21,45	0,00	3566	0,414	1,082	0,51	6,283	17,20	+0,01	
7	8	21,31	0,00	3527	0,412	1,081	0,54	6,281	17,17	+0,02	
8	9	21,17	0,00	3485	0,409	1,080	0,57	6,279	17,13	+0,03	
9	10	21,02	+0,01	3442	0,406	1,079	0,60	6,277	17,08	+0,04	
10	11	20,87	+0,01	3397	0,403	1,078	0,63	6,275	17,03	+0,05	
11	12	20,71	+0,01	3350	0,400	1,077	0,66	6,272	16,97	+0,06	
12	13	20,54	+0,01	3301	0,396	1,076	0,69	6,269	16,91	+0,07	
13	14	20,36	+0,01	3250	0,393	1,075	0,71	6,266	16,85	+0,08	
14	15	20,18	+0,01	3197	0,390	1,074	0,74	6,263	16,78	+0,09	
15	16	20,00	+0,01	3143	0,386	1,073	0,77	6,260	16,70	+0,09	
16	17	19,81	+0,01	3087	0,382	1,071	0,80	6,257	16,62	+0,10	
17	18	19,62	+0,02	3029	0,378	1,070	0,82	6,254	16,53	+0,11	
18	19	19,42	+0,02	2972	0,374	1,068	0,85	6,251	16,44	+0,12	
19	20	19,21	+0,02	2913	0,370	1,067	0,88	6,247	16,35	+0,13	
20	21	19,00	+0,02	2853	0,366	1,065	0,91	6,243	16,25	+0,14	
21	22	18,79	+0,02	2791	0,362	1,064	0,93	6,239	16,14	+0,15	
22	23	18,58	+0,02	2729	0,357	1,062	0,96	6,235	16,04	+0,15	
23	24	18,36	+0,02	2666	0,353	1,061	0,98	6,231	15,92	+0,16	
24	25	18,14	+,002	2602	0,348	1,059	1,01	6,226	15,80	+0,17	
25	26	17,92	+0,03	2537	0,343	1,058	1,03	6,221	15,68	+0,18	
26	27	17,69	+0,03	2472	0,338	1,056	1,05	6,216	15,55	+0,19	
27	28	17,47	+0,03	2406	0,333	1,054	1,08	6,211	15,42	+0,20	
28	29	17,24	+0,03	2340	0,328	1,052	1,10	6,206	15,28	+0,20	
29	30	17,01	+0,03	2274	0,323	1,051	1,12	6,200	15,14	+0,21	
30	31	16,78	+0,03	2207	0,318	1,049	1,14	6,194	15,00	+0,22	
31	32	16,55	+0,03	2140	0,313	1,048	1,16	6,188	14,85	+0,23	
32		16,32	+0,03	2074	0,307	1,046	1,19	6,182	14,69	+0,23	

Tabula XII. *continuata.*

Reductio observationum Solis.

Februarius.

C	*B*	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
					—		—	—			
		′ ″	″				″		′ ″	″	
0	1	2 16,55	+0,03	0,02140	0,313	1,048	1,16	6,188	16 14.85	+0,23	
1	2	16.32	+0.03	2074	0,307	1,046	1.19	6,182	14,69	+0,23	
2	3	16,08	+0.03	2007	0,302	1,045	1.21	6,176	14,54	+0,24	
3	4	15,85	+0,03	1940	0,296	1,043	1.23	6,169	14.37	+0,25	
4	5	15,62	+0,04	1874	0,290	1,042	1,24	6,162	14,21	+0,26	
5	6	15,39	+0,04	1808	0,284	1,040	1,26	6,154	14,04	+0,26	
6	7	15,16	+0,04	1742	0,279	1,039	1.28	6,147	13,86	+0,27	
7	8	14,93	+0,04	1676	0,273	1,037	1.30	6,139	13,68	+0,28	
8	9	14,71	+0.04	1611	0,267	1,035	1,32	6,131	13,50	+0,29	
9	10	14,48	+0,04	1547	0,261	1,033	1.34	6,122	13,32	+0,29	
10	11	14,26	+0,04	1483	0,255	1,032	1.35	6,113	13,13	+0,30	
11	12	14,04	+0,04	1420	0,249	1,030	1.37	6.104	12,93	+0,31	
12	13	13,82	+0,04	1358	0,243	1,029	1.38	6,094	12,74	+0,31	
13	14	13,60	+0,04	1297	0,236	1,028	1,40	6,084	12,54	+0,32	
14	15	13,39	+0,04	1237	0,230	1,027	1,41	6,074	12,33	+0,33	
15	16	13,18	+0,05	1178	0,224	1,025	1,43	6,063	12,13	+0,33	
16	17	12,97	+0,05	1119	0,218	1,024	1,44	6.052	11.92	+0,34	
17	18	12,77	+0,05	1062	0,211	1,022	1,46	6.040	11,70	+0,35	
18	19	12,57	+0,05	1006	0,205	1.020	1,47	6,028	11,49	+0,35	
19	20	12,37	+0,05	952	0,198	1,019	1,48	6,015	11,27	+0,36	
20	21	12,18	+0,05	899	0,192	1.018	1,49	6,001	11.04	+0,36	
21	22	11,99	+0,05	847	0,185	1,017	1,50	5,987	10,82	+0,37	
22	23	11,81	+0,05	796	0,179	1,016	1,51	5,972	10,59	+0,37	
23	24	11,63	+0,05	747	0,172	1,015	1,52	5,957	10,36	+0,38	
24	25	11,45	+0,05	700	0,166	1,014	1,53	5,941	10,13	+0,38	
25	26	11,28	+0,05	654	0,159	1,013	1,54	5,924	9,99	+0,39	
26	27	11,11	+0,05	610	0,153	1,012	1,55	5,906	9,65	+0,40	
27	28	10,95	+0,05	567	0,146	1,011	1,56	5,887	9,41	+0,40	
28	29	10,80	+0,05	526	0,139	1,010	1,57	5,867	9,16	+0,40	
29	30	10,65	+0,06	487	0,132	1,009	1,58	5,847	8,92	+0,41	

Tabula XII. *continuata.*

Reductio observationum Solis.

M a r t i u s.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
	′ ″	″		∓		— ″	∓	′ ″	″	
0	2 10,80	+ 0,06	0,00526	0,139	1,010	1,57	5,867	16 9,16	+ 0,40	
1	10,65	+ 0,06	487	0,132	1,009	1,58	5,847	8,92	+ 0,41	
2	10,50	+ 0,06	449	0,126	1,008	1,58	5,825	8,67	+ 0,41	
3	10,36	+ 0,06	413	0,119	1,007	1,59	5,802	8,42	+ 0,42	
4	10,22	+ 0,06	380	0,112	1,006	1,60	5,777	8,16	+ 0,42	
5	10,10	+ 0,06	349	0,105	1,005	1,60	5,750	7.91	+ 0,43	
6	9,97	+ 0,06	319	0,098	1.004	1,61	5,722	7,65	+ 0,43	
7	9,85	+ 0,06	291	0,091	1,004	1,61	5,692	7.39	+ 0,43	
8	9,74	+ 0,06	265	0,084	1,003	1,62	5,659	7,13	+ 0,44	
9	9,63	+ 0,06	241	0,077	1,003	1,62	5,621	6,87	+ 0,44	
10	9,53	+ 0,06	219	0,071	1.002	1.63	5.584	6,61	+ 0,44	
11	9,43	+ 0,06	198	0,064	1.002	1,63	5,540	6,34	+ 0,45	
12	9,35	+ 0,06	180	0,057	1,001	1.63	5,489	6,08	+ 0,45	
13	9,26	+ 0,06	164	0.050	1,001	1,64	5,432	5,81	+ 0,45	
14	9,18	+ 0,06	150	0,043	1,001	1,64	5,368	5,54	+ 0,46	
15	9,11	+ 0,06	138	0,036	1,001	1.64	5,292	5,27	+ 0,46	
16	9.05	+ 0,06	128	0,029	1,000	1,64	5,200	5.00	+ 0,46	
17	8,99	+ 0,06	121	0,022	1,000	1,64	5,084	4,73	+ 0,46	
18	8,93	+ 0,06	115	0,016	1,000	1,64	4,924	4,45	+ 0,47	
19	8,89	+ 0,06	111	0,009	1,000	1,64	4,668	4,18	+ 0,47	
20	8,84	+ 0,06	110	0,003	1.000	1,64	3,964	3,90	+ 0,47	
21	8,81	+ 0,06	110	0,004	1,000	1,64	4.450	3,63	+ 0,47	
22	8,78	+ 0,06	113	0,012	1.000	1,64	4,816	3,35	+ 0,47	
23	8,76	+ 0,06	117	0,019	1.000	1,63	5,011	3,07	+ 0,48	
24	8,74	+ 0,06	124	0,026	1,000	1,63	5,146	2,80	+ 0,48	
25	8,73	+ 0,06	132	0,033	1,001	1,63	5,248	2,52	+ 0,48	
26	8,72	+ 0,06	143	0,040	1,001	1,63	5,330	2.24	+ 0,48	
27	8,72	+ 0,06	156	0,047	1,001	1,62	5,399	1,96	+ 0,48	
28	8,73	+ 0,06	171	0,054	1,001	1,62	5,459	1,69	+ 0,48	
29	8,74	+ 0,06	188	0,060	1,002	1,62	5,511	1,41	+ 0,48	
30	8,76	+ 0,06	206	0,067	1,002	1,61	5,557	1,13	+ 0,48	
31	8,79	+ 0,06	227	0,074	1,003	1,61	5,599	0,85	+ 0,48	
32	8,82	+ 0,06	250	0,081	1,003	1,60	5,637	0,58	+ 0,48	

Tabula XII. *continuata.*

Reductio observationum Solis.

A p r i l i s.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parall-axis
				+		—	+			
	′ ″	″				″		′ ″	″	
0	2 8,79	+ 0,06	0,00227	0,074	1,003	1,61	5,599	16 0,85	+ 0,48	
1	8,82	+ 0,06	250	0,081	1,003	1,60	5,637	0,58	+ 0,48	
2	8,85	+ 0,06	275	0,087	1,004	1,59	5,672	0,30	+ 0,48	
3	8,89	+ 0,06	300	0,094	1,005	1,59	5,704	0,02	+ 0,48	
4	8,94	+ 0,06	329	0,101	1,005	1,58	5,733	15 59,75	+ 0,48	
5	8,98	+ 0,06	359	0,108	1,006	1,57	5,761	59,47	+ 0,48	
6	9,05	+ 0,06	391	0,114	1,006	1,57	5,786	59,20	+ 0,48	
7	9,11	+ 0,06	424	0,121	1,007	1,56	5,810	58,92	+ 0,48	
8	9,18	+ 0,06	459	0,128	1,008	1,55	5,833	58,65	+ 0,48	
9	9,25	+ 0,06	496	0,135	1,009	1,54	5,854	58,38	+ 0,48	
10	9,43	+ 0,06	535	0,141	1,010	1,53	5,874	58,10	+ 0,48	
11	9,41	+ 0,06	575	0,148	1,011	1,52	5,892	57,83	+ 0,48	
12	9,53	+ 0,06	617	0,154	1,012	1,51	5,909	57,56	+ 0,48	
13	9,60	+ 0,06	660	0,161	1,013	1,50	5,925	57,30	+ 0,47	
14	9,69	+ 0,06	705	0,167	1,014	1,49	5,941	57,03	+ 0,47	
15	9,80	+ 0,06	752	0,174	1,015	1,48	5,956	56,76	+ 0,47	
16	9,90	+ 0,06	799	0,180	1,016	1,47	5,972	56,50	+ 0,47	
17	10,01	+ 0,06	848	0,186	1,017	1,46	5,987	56,24	+ 0,47	
18	10,13	+ 0,06	899	0,192	1,018	1,45	6,002	55,98	+ 0,46	
19	10,25	+ 0,06	950	0,199	1,019	1,43	6,015	55,72	+ 0,46	
20	10,37	+ 0,06	1003	0,205	1,020	1,42	6,027	55,46	+ 0,46	
21	10,50	+ 0,06	1057	0,211	1,021	1,40	6,039	55,21	+ 0,46	
22	10,63	+ 0,06	1112	0,217	1,023	1,39	6,051	54,95	+ 0,46	
23	10,76	+ 0,06	1168	0,223	1,024	1,38	6,061	54,70	+ 0,45	
24	10,90	+ 0,06	1224	0,229	1,026	1,36	6,071	54,45	+ 0,45	
25	11,03	+ 0,06	1282	0,235	1,027	1,35	6,082	54,20	+ 0,45	
26	11,18	+ 0,06	1341	0,241	1,029	1,34	6,092	53,95	+ 0,44	
27	11,33	+ 0,06	1400	0,247	1,030	1,32	6,101	53,71	+ 0,44	
28	11,48	+ 0,06	1460	0,253	1,032	1,30	6,110	53,47	+ 0,44	
29	11,63	+ 0,06	1521	0,259	1,033	1,29	6,119	53,23	+ 0,43	
30	11,78	+ 0,06	1583	0,264	1,034	1,27	6,127	52,99	+ 0,43	
31	11,94	+ 0,06	1644	0,270	1,036	1,25	6,135	52,76	+ 0,43	

Tabula XII. *continuata.*

Reductio observationum Solis.

M a j u s.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
				+		—	+			
	′ ″	″				″		′ ″	″	
0	2 11,78	+ 0,06	0,01583	0,264	1,034	1,27	6,127	15 52,99	+ 0,43	
1	11,94	+ 0,06	1644	0,270	1,036	1,25	6,135	52,76	+ 0,43	
2	12,09	+ 0,06	1707	0,276	1,037	1,24	6,143	52,53	+ 0,42	
3	12,25	+ 0,06	1769	0,282	1,038	1,22	6,150	52,30	+ 0,42	
4	12,41	+ 0,06	1832	0,287	1,040	1,20	6,158	52,07	+ 0,41	
5	12,58	+ 0,06	1895	0,293	1,041	1,18	6,164	51,85	+ 0,41	
6	12,74	+ 0,06	1959	0,298	1,043	1,16	6,171	51,63	+ 0,41	
7	12,90	+ 0,06	2022	0,303	1,044	1,14	6,177	51,41	+ 0,40	
8	13,07	+ 0,06	2086	0,308	1,046	1,12	6,184	51,20	+ 0,40	
9	13,26	+ 0,05	2150	0,313	1,047	1,10	6,189	50,98	+ 0,39	
10	13,40	+ 0,05	2213	0,318	1,049	1,08	6,195	50,77	+ 0,39	
11	13,56	+ 0,05	2276	0,323	1,051	1,06	6,200	50,57	+ 0,38	
12	13,73	+ 0,05	2339	0,328	1,053	1,04	6,206	50,36	+ 0,38	
13	13,89	+ 0,05	2402	0,333	1,054	1,02	6,211	50,16	+ 0,37	
14	14,06	+ 0,05	2464	0,338	1,055	1,00	6,216	49,97	+ 0,37	
15	14,22	+ 0,05	2526	0,343	1,057	0,98	6,220	49,77	+ 0,36	
16	14,38	+ 0,05	2587	0,347	1,058	0,96	6,225	49,58	+ 0,36	
17	14,54	+ 0,05	2647	0,352	1,059	0,93	6,229	49,40	+ 0,35	
18	14,70	+ 0,05	2707	0,356	1,061	0,91	6,233	49,21	+ 0,35	
19	14,86	+ 0,05	2766	0,360	1,063	0,89	6,238	49,03	+ 0,34	
20	15,01	+ 0,05	2824	0,364	1,064	0,86	6,242	48,86	+ 0,33	
21	15,17	+ 0,05	2882	0,368	1,065	0,84	6,245	48,68	+ 0,33	
22	15,32	+ 0,05	2938	0,372	1,067	0,82	6,248	48,51	+ 0,32	
23	15,47	+ 0,05	2993	0,376	1,068	0,79	6,252	48,35	+ 0,32	
24	15,61	+ 0,04	3047	0,380	1,070	0,77	6,255	48,19	+ 0,31	
25	15,76	+ 0,04	3100	0,384	1,071	0,74	6,258	48,03	+ 0,31	
26	15,90	+ 0,04	3152	0,387	1,072	0,72	6,261	47,87	+ 0,30	
27	16,03	+ 0,04	3202	0,390	1,073	0,69	6,264	47,72	+ 0,29	
28	16,16	+ 0,04	3251	0,394	1,075	0,67	6,267	47,57	+ 0,29	
29	16,29	+ 0,04	3299	0,397	1,076	0,64	6,269	47,43	+ 0,28	
30	16,42	+ 0,04	3345	0,400	1,077	0,62	6,272	47,29	+ 0,27	
31	16,54	+ 0,04	3389	0,403	1,078	0,59	6,274	47,15	+ 0,27	
32	16,65	+ 0,04	3432	0,406	1,079	0,56	6,276	47,02	+ 0,26	

Tabula XII. *continuata.*

Reductio observationum Solis.

J u n i u s.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parall-axis
				+		∓	+			
0	2′ 16″,54	+ 0″,04	0,03389	0,403	1,078	0″,59	6,274	15′ 47″,15	+ 0″,27	
1	16,65	+ 0,04	3432	0,406	1,079	0,56	6,276	47,02	+ 0,26	
2	16,76	+ 0,04	3473	0,409	1,080	0,54	6,278	46,89	+ 0,26	
3	16,87	+ 0,04	3512	0,412	1,081	0,51	6,280	46,77	+ 0,25	
4	16,97	+ 0,03	3550	0,414	1,082	0,48	6,282	46,65	+ 0,24	
5	17,07	+ 0,03	3585	0,416	1,083	0,45	6,284	46,53	+ 0,23	
6	17,16	+ 0,03	3619	0,418	1,084	0,43	6,285	46,42	+ 0,23	
7	17,24	+ 0,03	3651	0,420	1,085	0,40	6,287	46,32	+ 0,22	
8	17,32	+ 0,03	3681	0,422	1,085	0,37	6,288	46,21	+ 0,21	
9	17,39	+ 0,03	3708	0,424	1,086	0,34	6,290	46,11	+ 0,21	
10	17,46	+ 0,03	3734	0,426	1,086	0,32	6,291	46,02	+ 0,20	
11	17,52	+ 0,03	3758	0,427	1,087	0,29	6,292	45,93	+ 0,19	
12	17,58	+ 0,03	3779	0,428	1,087	0,26	6,293	45,84	+ 0,18	
13	17,63	+ 0,03	3799	0,429	1,088	0,23	6,294	45,76	+ 0,18	
14	17,67	+ 0,02	3816	0,430	1,088	0,20	6,294	45,68	+ 0,17	
15	17,71	+ 0,02	3831	0,431	1,089	0,18	6,295	45,61	+ 0,16	
16	17,74	+ 0,02	3844	0,432	1,090	0,15	6,295	45,54	+ 0,16	
17	17,76	+ 0,02	3855	0,433	1,090	0,12	6,296	45,47	+ 0,15	
18	17,78	+ 0,02	3863	0,433	1,050	0,09	6,296	45,41	+ 0,14	
19	17,79	+ 0,02	3869	0,433	1,090	0,06	6,297	45,36	+ 0,13	
20	17,80	+ 0,02	3873	0,434	1,090	0,03	6,297	45,31	+ 0,13	
21	17,79	+ 0,02	3874	0,434	1,090	0,00	6,297	45,26	+ 0,12	
22	17,78	+ 0,02	3873	0,434	1,090	0,02	6,297	45,22	+ 0,11	
23	17,77	+ 0,01	3870	0,434	1,090	0,05	6,297	45,18	+ 0,10	
24	17,75	+ 0,01	3865	0,434	1,090	0,08	6,296	45,14	+ 0,10	
25	17,72	+ 0,01	3857	0,433	1,090	0,11	6,296	45,11	+ 0,09	
26	17,68	+ 0,01	3847	0,433	1,090	0,14	6,296	45,09	+ 0,08	
27	17,64	+ 0,01	3835	0,432	1,089	0,17	6,295	45,07	+ 0,07	
28	17,59	+ 0,01	3821	0,431	1,089	0,20	6,294	45,05	+ 0,06	
29	17,54	+ 0,01	3804	0,430	1,088	0,22	6,294	45,04	+ 0,06	
30	17,48	+ 0,01	3785	0,429	1,088	0,25	6,293	45,03	+ 0,05	
31	17,41	+ 0,01	3764	0,428	1,087	0,28	6,292	45,03	+ 0,04	

Tabula XII. *continuata.*

Reductio observationum Solis.

J u l i u s.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
				+		+	+			
	′ ″	″				″		′ ″	″	
0	2 17,48	+ 0,01	0,03785	0,429	1,088	0,25	6,293	15 45,03	+ 0,05	
1	17,41	+ 0,01	3764	0,428	1,087	0,28	6,292	45,03	+ 0,04	
2	17,34	0,00	3741	0,426	1,086	0,31	6,291	45,03	+ 0,03	
3	17,26	0,00	3716	0,424	1,086	0,34	6,290	45,04	+ 0,03	
4	17,18	0,00	3689	0,422	1,085	0,36	6,288	45,05	+ 0,02	
5	17,09	0,00	3660	0,420	1,084	0,39	6,287	45,06	+ 0,01	
6	16,99	0,00	3629	0,418	1,083	0,42	6,286	45,08	0,00	
7	16,89	0,00	3596	0,416	1,083	0,45	6,284	45,11	— 0,01	
8	16,79	0,00	3561	0,414	1,082	0,47	6,283	45,14	— 0,01	
9	16,67	0,00	3524	0,412	1,081	0,50	6,281	45,17	— 0,02	
10	16,56	0,00	3485	0,409	1,080	0,52	6,279	45,21	— 0,03	
11	16,44	— 0,01	3445	0,407	1,079	0,55	6,277	45,25	— 0,04	
12	16,31	— 0,01	3403	0,404	1,078	0,58	6,275	45,29	— 0,04	
13	16,18	— 0,01	3359	0,401	1,077	0,60	6,272	45,34	— 0,05	
14	16,05	— 0,01	3314	0,398	1,076	0,63	6,270	45,40	— 0,06	
15	15,91	— 0,01	3267	0,395	1,075	0,66	6,268	45,46	— 0,07	
16	15,77	— 0,01	3219	0,392	1,074	0,68	6,265	45,52	— 0,08	
17	15,62	— 0,01	3169	0,388	1,073	0,71	6,262	45,59	— 0,08	
18	15,48	— 0,01	3119	0,385	1,072	0,73	6,259	45,66	— 0,09	
19	15,32	— 0,01	3066	0,381	1,070	0,76	6,256	45,74	— 0,10	
20	15,17	— 0,02	3013	0,378	1,069	0,78	6,253	45,82	— 0,11	
21	15,01	— 0,02	2958	0,374	1,068	0,80	6,250	45,91	— 0,11	
22	14,85	— 0,02	2903	0,370	1,067	0,83	6,246	46,00	— 0,12	
23	14,69	— 0,02	2846	0,366	1,065	0,85	6,243	46,09	— 0,13	
24	14,52	— 0,02	2789	0,362	1,064	0,87	6,239	46,19	— 0,14	
25	14,36	— 0,02	2730	0,358	1,062	0,90	6,234	46,29	— 0,14	
26	14,19	— 0,02	2671	0,354	1,061	0,92	6,230	46,40	— 0,15	
27	14,02	— 0,02	2611	0,349	1,059	0,94	6,226	46,51	— 0,16	
28	13,85	— 0,02	2550	0,345	1,058	0,96	6,222	46,62	— 0,17	
29	13,68	— 0,02	2489	0,340	1,056	0,98	6,217	46,74	— 0,17	
30	13,51	— 0,03	2428	0,335	1,055	1,00	6,213	46,86	— 0,18	
31	13,33	— 0,03	2366	0,330	1,053	1,03	6,208	46,99	— 0,19	
32	13,16	— 0,03	2303	0,325	1,052	1,05	6,203	47,12	— 0,20	

Tabula XII. *continuata.*

Reductio observationum Solis.

A u g u s t u s.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parall-axis
				+		+	+			
0	2′ 13″,33	— 0″,03	0,02366	0,330	1,053	1″,03	6,208	15′ 46″,99	— 0″,19	
1	13,16	— 0,03	2303	0,325	1,052	1,05	6,203	47,12	— 0,20	
2	12,99	— 0,03	2241	0,320	1,050	1,07	6,197	47,25	— 0,20	
3	12,82	— 0,03	2178	0,315	1,049	1,09	6,192	47,39	— 0,21	
4	12,64	— 0,03	2115	0,310	1,047	1,11	6,186	47,54	— 0,22	
5	12,47	— 0,03	2052	0,305	1,046	1,13	6,180	47,68	— 0,22	
6	12,30	— 0,03	1989	0,300	1,044	1,14	6,174	47,83	— 0,23	
7	12,13	— 0,03	1926	0,295	1,043	1,16	6,167	47,99	— 0,24	
8	11,96	— 0,03	1863	0,289	1,041	1,18	6,161	48,14	— 0,24	
9	11,79	— 0,03	1800	0,284	1,040	1,20	6,154	48,31	— 0,25	
10	11,63	— 0,04	1738	0,278	1,038	1,22	6,147	48,47	— 0,26	
11	11,46	— 0,04	1676	0,273	1,037	1,23	6,140	48,64	— 0,26	
12	11,30	— 0,04	1614	0,267	1,035	1,25	6,132	48,81	— 0,27	
13	11,14	— 0,04	1552	0,262	1,034	1,27	6,124	48,99	— 0,28	
14	10,98	— 0,04	1491	0,256	1,032	1,28	6,115	49,17	— 0,28	
15	10,82	— 0,04	1432	0,250	1,031	1,30	6,106	49,35	— 0,29	
16	10,67	— 0,04	1373	0,244	1,029	1,31	6,097	49,54	— 0,30	
17	10,52	— 0,04	1315	0,239	1,028	1,33	6,088	49,73	— 0,30	
18	10,38	— 0,04	1257	0,233	1,027	1,34	6,078	49,92	— 0,31	
19	10,23	— 0,04	1200	0,227	1,026	1,36	6,068	50,11	— 0,32	
20	10,09	— 0,04	1144	0,221	1,024	1,37	6,057	50,31	— 0,32	
21	9,95	— 0,04	1089	0,215	1,023	1,38	6,046	50,52	— 0,33	
22	9,82	— 0,05	1035	0,209	1,022	1,40	6,034	50,72	— 0,33	
23	9,69	— 0,05	982	0,203	1,021	1,41	6,022	50,93	— 0,34	
24	9,56	— 0,05	930	0,196	1,019	1,42	6,010	51,14	— 0,34	
25	9,44	— 0,05	880	0,190	1,018	1,44	5,997	51,36	— 0,35	
26	9,33	— 0,05	830	0,184	1,017	1,45	5,984	51,57	— 0,36	
27	9,21	— 0,05	782	0,178	1,016	1,46	5,970	51,79	— 0,36	
28	9,10	— 0,05	736	0,171	1,015	1,47	5,955	52,02	— 0,37	
29	9,00	— 0,05	690	0,165	1,013	1,48	5,939	52,24	— 0,37	
30	8,90	— 0,05	646	0,158	1,012	1,49	5,923	52,47	— 0,38	
31	8,81	— 0,05	604	0,152	1,011	1,50	5,905	52,70	— 0,38	
32	8,72	— 0,05	563	0,145	1,010	1,51	5,887	52,94	— 0,39	

Tabula XII. *continuata.*

Reductio observationum Solis.

S e p t e m b e r.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parall-axis
				±		+	±			
	′ ″	″				″		′ ″	″	
0	2 8,81	—0,05	0,00604	0,152	1,011	1,50	5,905	15 52,70	—0,38	
1	8,72	—0,05	563	0,145	1,010	1,51	5,887	52,94	—0,39	
2	8,63	—0,05	524	0,139	1,009	1,52	5,868	53,17	—0,39	
3	8,55	—0,05	486	0,132	1,008	1,53	5,848	53,41	—0,40	
4	8,48	—0,05	450	0,126	1,007	1,54	5,826	53,65	—0,40	
5	8,41	—0,05	415	0,119	1,007	1,54	5,804	53,89	—0,41	
6	8,34	—0,06	382	0,113	1,006	1,55	5,780	54,14	—0,41	
7	8,28	—0,06	351	0,106	1,005	1,56	5,755	54,39	—0,41	
8	8,23	—0,06	322	0,100	1,004	1,56	5,727	54,64	—0,42	
9	8,18	—0,06	294	0,093	1,004	1,57	5,697	54,89	—0,42	
10	8,14	—0,06	268	0,087	1,003	1,58	5,666	55,14	—0,43	
11	8,10	—0,06	245	0,080	1,003	1,58	5,632	55,40	—0,43	
12	8,07	—0,06	222	0,073	1,002	1,59	5,594	55,65	—0,43	
13	8,05	—0,06	202	0,066	1,002	1,59	5,551	55,91	—0,44	
14	8,03	—0,06	184	0,060	1,002	1,60	5,504	56,17	—0,44	
15	8,02	—0,06	168	0,053	1,001	1,60	5,452	56,43	—0,44	
16	8,01	—0,06	153	0,046	1,001	1,61	5,393	56,70	—0,45	
17	8,01	—0,06	141	0,039	1,001	1,61	5,323	56,96	—0,45	
18	8,01	—0,06	131	0,032	1,000	1,61	5,240	57,23	—0,45	
19	8,03	—0,06	122	0,025	1,000	1,61	5,136	57,50	—0,46	
20	8,04	—0,06	116	0,018	1,000	1,62	5,001	57,77	—0,46	
21	8,07	—0,06	111	0,011	1,000	1,62	4,801	58,04	—0,46	
22	8,09	—0,06	109	0,004	1,000	1,62	4,421	58,31	—0,46	
23	8,13	—0,06	109	0,003	1,000	1,62	4,025	58,58	—0,47	
24	8,17	—0,06	110	0,010	1,000	1,62	4,677	58,85	—0,47	
25	8,22	—0,06	114	0,016	1,000	1,62	4,927	59,13	—0,47	
26	8,27	—0,06	119	0,023	1,000	1,62	5,084	59,40	—0,47	
27	8,33	—0,06	127	0,030	1,000	1,62	5,199	59,68	—0,47	
28	8,40	—0,06	137	0,037	1,001	1,62	5,290	59,95	—0,48	
29	8,47	—0,06	149	0,043	1,001	1,62	5,366	16 0,23	—0,48	
30	8,55	—0,06	162	0,050	1,001	1,62	5,428	0,51	—0,48	
31	8,63	—0,06	178	0,057	1,002	1,61	5,484	0,78	—0,48	

Tabula XII. *continuata.*

Reductio observationum Solis.

October.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parall-axis
				—		+	—			
	′ ″	″				″		′ ″	″	
0	2 8,55	— 0,06	0,00162	0,050	1,001	1,62	5,428	16 0,51	— 0,48	
1	8,63	— 0,06	178	0,057	1,002	1,61	5,484	0,78	— 0,48	
2	8,72	— 0,06	196	0,064	1,002	1,61	5,533	1,06	— 0,48	
3	8,82	— 0,06	216	0,070	1,002	1,61	5,578	1,34	— 0,48	
4	8,91	— 0,06	237	0,077	1,003	1,61	5,618	1,62	— 0,48	
5	9,03	— 0,07	261	0,084	1,003	1,60	5,655	1,89	— 0,48	
6	9,14	— 0,07	287	0,091	1,004	1,60	5,688	2,17	— 0,48	
7	9,26	— 0,07	314	0,097	1,005	1,59	5,718	2,45	— 0,49	
8	9,38	— 0,07	344	0,104	1,005	1,58	5,749	2,73	— 0,49	
9	9,51	— 0,07	375	0,111	1,006	1,58	5,779	3,00	— 0,49	
10	9,65	— 0,07	408	0,118	1,007	1,57	5,801	3,28	— 0,49	
11	9,79	— 0,07	443	0,124	1,008	1,57	5,822	3,56	— 0,49	
12	9,94	— 0,07	480	0,131	1,009	1,56	5,844	3,83	— 0,49	
13	10,09	— 0,07	518	0,138	1,009	1,55	5,865	4,11	— 0,48	
14	10,25	— 0,07	558	0,145	1,010	1,55	5,884	4,38	— 0,48	
15	10,41	— 0,07	600	0,151	1,011	1,54	5,903	4,66	— 0,48	
16	10,58	— 0,07	644	0,158	1,012	1,53	5,921	4,93	— 0,48	
17	10,75	— 0,07	689	0,164	1,013	1,52	5,938	5,20	— 0,48	
18	10,93	— 0,07	736	0,171	1,015	1,51	5,954	5,47	— 0,48	
19	11,11	— 0,06	784	0,177	1,016	1,50	5,969	5,74	— 0,48	
20	11,30	— 0,06	833	0,184	1,017	1,49	5,984	6,01	— 0,48	
21	11,49	— 0,06	884	0,190	1,018	1,48	5,998	6,28	— 0,48	
22	11,68	— 0,06	937	0,197	1,019	1,47	6,011	6,54	— 0,47	
23	11,88	— 0,06	991	0,203	1,020	1,46	6,024	6,80	— 0,47	
24	12,08	— 0,06	1045	0,210	1,022	1,44	6,036	7,07	— 0,47	
25	12,29	— 0,06	1101	0,216	1,023	1,43	6,048	7,33	— 0,47	
26	12,50	— 0,06	1159	0,222	1,025	1,42	6,059	7,59	— 0,47	
27	12,71	— 0,06	1217	0,228	1,026	1,41	6,070	7,84	— 0,46	
28	12,93	— 0,06	1277	0,235	1,027	1,39	6,081	8,10	— 0,46	
29	13,15	— 0,06	1337	0,241	1,028	1,38	6,091	8,35	— 0,46	
30	13,37	— 0,06	1398	0,247	1,030	1,36	6,101	8,61	— 0,45	
31	13,60	— 0,06	1460	0,253	1,031	1,35	6,110	8,85	— 0,45	
32	13,83	— 0,06	1523	0,259	1,032	1,33	6,119	9,10	— 0,45	

Tabula XII. *continuata.*

Reductio observationum Solis.

November.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parall-axis
				—		+	—			
0	2′ 13″,60	— 0″,06	0,01460	0,253	1,031	1,35	6,110	16′ 8″,85	— 0″,45	
1	13,83	— 0,06	1523	0,259	1,032	1,33	6,119	9,10	— 0,45	
2	14,05	— 0,06	1586	0,265	1,034	1,31	6,128	9,35	— 0,44	
3	14,28	— 0,06	1651	0,271	1,035	1,30	6,136	9,59	— 0,44	
4	14,52	— 0,06	1715	0,276	1,037	1,28	6,144	9,83	— 0,44	
5	14,75	— 0,06	1781	0,282	1,038	1,26	6,152	10,07	— 0,43	
6	14,99	— 0,06	1846	0,288	1,040	1,24	6,159	10,30	— 0,43	
7	15,23	— 0,06	1912	0,294	1,042	1,22	6,166	10,53	— 0,43	
8	15,47	— 0,06	1978	0,299	1,044	1,21	6,173	10,76	— 0,42	
9	15,71	— 0,06	2044	0,305	1,045	1,19	6,179	10,99	— 0,42	
10	15,94	— 0,06	2111	0,310	1,047	1,16	6,185	11,21	— 0,41	
11	16,18	— 0,06	2177	0,315	1,048	1,14	6,191	11,43	— 0,41	
12	16,42	— 0,06	2243	0,320	1,050	1,12	6,197	11,65	— 0,40	
13	16,66	— 0,06	2310	0,325	1,051	1,10	6,203	11,86	— 0,40	
14	16,90	— 0,06	2375	0,330	1,053	1,08	6,208	12,08	— 0,39	
15	17,13	— 0,05	2441	0,335	1,054	1,06	6,214	12,28	— 0,39	
16	17,37	— 0,05	2506	0,340	1,056	1,03	6,219	12,49	— 0,38	
17	17,60	— 0,05	2570	0,345	1,057	1,01	6,224	12,69	— 0,38	
18	17,83	— 0,05	2634	0,350	1,059	0,99	6,228	12,89	— 0,37	
19	18,06	— 0,05	2697	0,355	1,061	0,96	6,233	13,08	— 0,37	
20	18,28	— 0,05	2760	0,359	1,063	0,94	6,237	13,27	— 0,36	
21	18,51	— 0,05	2821	0,364	1,064	0,91	6,241	13,46	— 0,35	
22	18,73	— 0,05	2882	0,368	1,065	0,89	6,245	13,64	— 0,35	
23	18,94	— 0,05	2941	0,372	1,066	0,86	6,249	13,82	— 0,34	
24	19,15	— 0,05	3000	0,376	1,068	0,84	6,252	13,99	— 0,33	
25	19,36	— 0,05	3057	0,380	1,069	0,81	6,256	14,17	— 0,33	
26	19,56	— 0,05	3113	0,384	1,071	0,78	6,259	14,33	— 0,32	
27	19,76	— 0,05	3167	0,388	1,072	0,75	6,262	14,50	— 0,32	
28	19,96	— 0,04	3221	0,391	1,074	0,73	6,265	14,66	— 0,31	
29	20,15	— 0,04	3272	0,395	1,075	0,70	6,268	14,81	— 0,30	
30	20,33	— 0,04	3322	0,398	1,076	0,67	6,270	14,94	— 0,29	
31	20,50	— 0,04	3370	0,401	1,077	0,64	6,273	15,11	— 0,29	

Tabula XII. *continuata.*

Reductio observationum Solis.

December.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
				—		±	—			
0	2′ 20″,33	—″,04	0,03322	0,398	1,076	0″,67	6,270	16′ 14″,94	—″,29	
1	20,50	— 0,04	3370	0,401	1,077	0,64	6,273	15,11	— 0,29	
2	20,68	— 0,04	3417	0,404	1,079	0,61	6,275	15,25	— 0,28	
3	20,84	— 0,04	3461	0,407	1,080	0,58	6,277	15,39	— 0,27	
4	21,00	— 0,04	3504	0,410	1,081	0,55	6,279	15,52	— 0,27	
5	21,15	— 0,04	3544	0,413	1,082	0,52	6,281	15,65	— 0,26	
6	21,29	— 0,04	3583	0,415	1,083	0,49	6,283	15,77	— 0,25	
7	21,43	— 0,04	3619	0,417	1,084	0,46	6,285	15,89	— 0,24	
8	21,56	— 0,03	3654	0,419	1,085	0,43	6,287	16,01	— 0,24	
9	21,68	— 0,03	3686	0,421	1,086	0,40	6,289	16,12	— 0,23	
10	21,79	— 0,03	3715	0,423	1,086	0,37	6,290	16,22	— 0,22	
11	21,89	— 0,03	3743	0,425	1,087	0,34	6,291	16,33	— 0,21	
12	21,99	— 0,03	3768	0,427	1,087	0,30	6,292	16,42	— 0,20	
13	22,08	— 0,03	3791	0,429	1,088	0,27	6,293	16,51	— 0,20	
14	22,16	— 0,03	3811	0,430	1,088	0,24	6,294	16,60	— 0,19	
15	22,23	— 0,03	3829	0,431	1,089	0,21	6,295	16,68	— 0,18	
16	22,29	— 0,02	3844	0,432	1,089	0,18	6,295	16,76	— 0,17	
17	22,34	— 0,02	3857	0,433	1,090	0,14	6,296	16,83	— 0,16	
18	22,38	— 0,02	3867	0,433	1,090	0,11	6,296	16,90	— 0,15	
19	22,42	— 0,02	3875	0,433	1,090	0,08	6,296	16,96	— 0,15	
20	22,44	— 0,02	3880	0,434	1,090	0,05	6,297	17,02	— 0,14	
21	22,46	— 0,02	3882	0,434	1,090	0,01	6,297	17,07	— 0,13	
22	22,46	— 0,02	3882	0,434	1,090	0,02	6,297	17,12	— 0,12	
23	22,46	— 0,02	3879	0,434	1,090	0,05	6,297	17,16	— 0,11	
24	22,45	— 0,01	3874	0,433	1,090	0,08	6,296	17,19	— 0,10	
25	22,43	— 0,01	3866	0,433	1,089	0,12	6,296	17,23	— 0,09	
26	22,40	— 0,01	3855	0,432	1,089	0,15	6,296	17,25	— 0,09	
27	22,36	— 0,01	3842	0,431	1,089	0,18	6,295	17,28	— 0,08	
28	22,31	— 0,01	3826	0,430	1,089	0,21	6,294	17,29	— 0,07	
29	22,25	— 0,01	3808	0,429	1,088	0,24	6,294	17,30	— 0,06	
30	22,18	— 0,01	3787	0,428	1,088	0,28	6,293	17,31	— 0,05	
31	22,11	— 0,01	3764	0,427	1,087	0,31	6,292	17,31	— 0,04	
32	22,02	0,00	3739	0,425	1,086	0,34	6,290	17,31	— 0,03	

Tabula XIII.

Reductio observationum Lunae.

Arg. = Log. [ϱ Sin. π Cos. $(\varphi' - \delta)$]

Arg.	Log. A		Arg.	Log. A	
7,00	9,99957	6	7,85	9,99691	7
7,05	9,99951	6	7,86	9,99684	7
7,10	9,99945	6	7,87	9,99677	8
7,15	9,99939	8	7,88	9,99669	7
7,20	9,99931	8	7,89	9,99662	8
7,25	9,99923	10	7,90	9,99654	8
7,30	9,99913	10	7,91	9,99646	8
7,35	9,99903	12	7,92	9,99637	9
7,40	9,99891	14	7,93	9,99629	8
7,45	9,99877	15	7,94	9,99620	9
7,50	9,99862	16	7,95	9,99611	9
7,55	9,99846	4	7,96	9,99602	9
7,56	9,99842	4	7,97	9,99593	9
7,57	9,99838	4	7,98	9,99583	10
7,58	9,99834	3	7,99	9,99574	9
7,59	9,99831	4	8,00	9,99564	10
7,60	9,99827	4	8,01	9,99553	11
7,61	9,99823	4	8,02	9,99543	10
7,62	9,99819	5	8,03	9,99532	11
7,63	9,99814	4	8,04	9,99521	11
7,64	9,99810	4	8,05	9,99510	11
7,65	9,99806	5	8,06	9,99498	12
7,66	9,99801	5	8,07	9,99487	11
7,67	9,99796	4	8,08	9,99475	12
7,68	9,99792	5	8,09	9,99462	13
7,69	9,99787	5	8,10	9,99450	12
7,70	9,99782	5	8,11	9,99437	13
7,71	9,99777	6	8,12	9,99424	13
7,72	9,99771	5	8,13	9,99410	14
7,73	9,99766	5	8,14	9,99396	14
7,74	9,99761	6	8,15	9,99382	14
7,75	9,99755	6	8,16	9,99368	14
7,76	9,99749	5	8,17	9,99353	15
7,77	9,99744	6	8,18	9,99338	15
7,78	9,99738	7	8,19	9,99322	16
7,79	9,99731	6	8,20	9,99306	16
7,80	9,99725	6	8,21	9,99290	16
7,81	9,99719	7	8,22	9,99273	17
7,82	9,99712	7	8,23	9,99256	17
7,83	9,99705	6	8,24	9,99239	17
7,84	9,99699	8	8,25	9,99221	18
7,85	9,99691		8,26	9,99202	19

Arg. = $\Delta\alpha$

Arg.	Log. B	
° ′		
5 10	0,01261	42
20	0,01303	41
30	0,01344	41
40	0,01385	42
50	0,01427	41
6 0	0,01468	42
10	0,01510	41
20	0,01551	42
30	0,01593	41
40	0,01634	42
50	0,01676	42
7 0	0,01718	42
10	0,01760	41
20	0,01801	42
30	0,01843	42
40	0,01885	42
50	0,01927	42
8 0	0,01969	42
10	0,02011	42
20	0,02053	42
30	0,02095	

Arg. = $\Delta\delta$

Arg.	λ'
° ′	″
0 10	0,0139
20	0,0277
30	0,0416
40	0,0554
50	0,0693
1 0	0,0831
10	0,0970
20	0,1108
30	0,1247
40	0,1385
50	0,1524
2 0	0,1662
10	0,1801
20	0,1939
30	0,2078
40	0,2216
50	0,2355
3 0	0,2493
10	0,2632
20	0,2770
30	0,2909

Tabula XIV.

Refractio astronomica.

Dist. a Vert.	Log. α	Diff.	λ
°			
0	1,76156		
5	1,76156	0	
10	1,76154	2	
15	1,76152	2	
20	1,76149	3	
25	1,76145	4	
30	1,76139	6	
31	1,76138	1	
32	1,76136	2	
33	1,76134	2	
34	1,76132	2	
35	1,76130	2	
36	1,76128	2	
37	1,76126	2	
38	1,76124	2	
39	1,76122	2	
40	1,76119	3	
41	1,76117	2	
42	1,76114	3	
43	1,76111	3	
44	1,76107	4	
45	1,76104	3	1,0018
46	1,76100	4	1,0019
47	1,76096	4	1,0019
48	1,76092	4	1,0020
49	1,76087	5	1,0021
50	1,76082	5	1,0023
51	1,76077	5	1,0025
52	1,76071	6	1,0026
53	1,76065	6	1,0027
54	1,76058	7	1,0029
55	1,76050	8	1,0031
56	1,76042	8	1,0034
57	1,76033	9	1,0037
58	1,76023	10	1,0040
59	1,76012	11	1,0043
60	1,76001	11	1,0046
61	1,75988	13	1,0049
62	1,75973	15	1,0054
63	1,75957	16	1,0058
64	1,75939	18	1,0063
65	1,75919	20	1,0068
66	1,75897	22	1,0075
67	1,75871	26	1,0083
68	1,75842	29	1,0092

Dist. a Vert.	Log. α	Diff.	A	λ
°				
68	1,75842	33		1,0092
69	1,75809	38		1,0101
70	1,75771	45		1,0111
71	1,75726	51		1,0124
72	1,75675	60		1,0139
73	1,75615	72		1,0156
74	1,75543	86		1,0175
75 0	1,75457	16		1,0197
10	1,75441	16		1,0200
20	1,75425	17		1,0204
30	1,75408	17		1,0208
40	1,75391	18		1,0212
50	1,75373	18		1,0216
76 0	1,75355	19		1,0220
10	1,75336	20		1,0225
20	1,75316	21		1,0230
30	1,75295	21		1,0235
40	1,75274	22		1,0241
50	1,75252	23		1,0246
77 0	1,75229	24	1,0026	1,0252
10	1,75205	25	1,0026	1,0258
20	1,75180	25	1,0027	1,0264
30	1,75155	26	1,0027	1,0272
40	1,75129	28	1,0028	1,0281
50	1,75101	29	1,0029	1,0290
78 0	1,75072	29	1,0030	1,0299
10	1,75043	30	1,0030	1,0308
20	1,75013	32	1,0031	1,0318
30	1,74981	34	1,0032	1,0328
40	1,74947	35	1,0033	1,0338
50	1,74912	36	1,0034	1,0347
79 0	1,74876	37	1,0035	1,0357
10	1,74839	40	1,0036	1,0367
20	1,74799	42	1,0037	1,0377
30	1,74757	43	1,0038	1,0387
40	1,74714	44	1,0039	1,0398
50	1,74670	47	1,0040	1,0409
80 0	1,74623	50	1,0041	1,0420
10	1,74573	52	1,0042	1,0431
20	1,74521	53	1,0043	1,0442
30	1,74468	56	1,0045	1,0454
40	1,74412	60	1,0046	1,0466
50	1,74352	64	1,0047	1,0479
81 0	1,74288		1,0049	1,0493

Tabula XIV. *continuata.*

Refractio astronomica.

Dist. a Vert.	Log. α	Diff.	A	λ
81° 0′	1,74288		1,0049	1,0493
		65		
10	1,74223		1,0050	1,0508
		68		
20	1,74155		1,0052	1,0523
		72		
30	1,74083		1,0054	1,0540
		76		
40	1,74007		1,0056	1,0559
		79		
50	1,73928		1,0058	1,0579
		83		
82 0	1,73845		1,0060	1,0600
		88		
10	1,73757		1,0062	1,0622
		94		
20	1,73663		1,0065	1,0646
		99		
30	1,73564		1,0067	1,0671
		105		
40	1,73459		1,0070	1,0697
		112		
50	1,73347		1,0073	1,0725
		118		
83 0	1,73229		1,0075	1,0754
		124		
10	1,73105		1,0078	1,0784
		131		
20	1,72974		1,0081	1,0815
		142		
30	1,72832		1,0084	1,0846
		151		
40	1,72681		1,0088	1,0879
		162		
50	1,72519		1,0092	1,0914
		173		
84 0	1,72346		1,0096	1,0951
		186		
10	1,72160		1,0100	1,0992
		199		
20	1,71961		1,0105	1,1036
		212		
30	1,71749		1,0110	1,1082
		227		
40	1,71522		1,0115	1,1130
		243		
50	1,71279		1,0121	1,1178
		259		
85 0	1,71020		1,0127	1,1229

Supplementum Tabulae praecedentis.

	Log. Refr.	A	λ
85° 0′	2,76687	1,0127	1,1229
30	2,80590	1,0147	1,1408
86 0	2,84444	1,0172	1,1624
30	2,88555	1,0204	1,1888
87 0	2,93174	1,0244	1,2215
30	2,98269	1,0298	1,2624
88 0	3,03686	1,0368	1,3141
30	3,09723	1,0465	1,3797
89 0	3,16572	1,0593	1,4653
30	3,24142	1,0780	1,5789

Factor Refractionis a gradu Thermometri in Barometro affixi pendens = T

Scala *Fahrenheitiana*

	Log. T
— 30°	+ 0,00242
— 20	+ 0 00203
— 10	+ 0,00164
0	+ 0,00125
+ 10	+ 0,00086
+ 20	+ 0,00047
+ 30	+ 0,00008
+ 40	— 0,00031
+ 50	— 0,00070
+ 60	— 0,00109
+ 70	— 0,00148
+ 80	— 0,00186
+ 90	— 0,00225
+100	— 0,00264

Scala

	Réaumur Log. T	*Centes.* Log. T
— 35°	+ 0,00308	+ 0,00246
— 30	+ 0,00264	+ 0,00211
— 25	+ 0,00220	+ 0,00176
— 20	+ 0,00176	+ 0,00140
— 15	+ 0,00132	+ 0,00105
— 10	+ 0,00088	+ 0,00070
— 5	+ 0,00044	+ 0,00035
0	0,00000	0,00000
+ 5	— 0,00044	— 0,00035
+ 10	— 0,00088	— 0,00070
+ 15	— 0,00131	— 0,00105
+ 20	— 0,00175	— 0,00140
+ 25	— 0,00218	— 0,00175
+ 30	— 0,00262	— 0,00210
+ 35	— 0,00305	— 0,00244

Tabula XIV. *continuata.*

Refractio astronomica.

Factor Refractionis ab altitudine Barometri pendens = *B*

Partes pedis Parisiensis		Partes pedis Anglici		Partes Metrorum Gallicorum			
Lin.	Log. *B*	Poll.	Log. *B*		Log. *B*		Log. *B*
315	— 0,02445	27,5	— 0,03191	0,725	—0,01560	0,760	+0,00488
316	— 0,02307	27,6	— 0,03033	0,726	—0,01500	0,761	+0,00545
317	— 0,02170	27,7	— 0,02876	0,727	—0,01440	0,762	+0,00602
318	— 0,02033	27,8	— 0,02720	0,728	—0,01380	0,763	+0,00659
319	— 0,01897	27,9	— 0,02564	0,729	—0,01321	0,764	+0,00716
320	— 0,01761	28,0	— 0,02409	0,730	—0,01261	0,765	+0,00773
321	— 0,01625	28,1	— 0,02254	0,731	—0,01202	0,766	+0,00830
322	— 0,01490	28,2	— 0,02099	0,732	—0,01142	0,767	+0,00886
323	— 0,01356	28,3	— 0,01946	0,733	—0,01083	0,768	+0,00943
324	— 0,01221	28,4	— 0,01793	0,734	—0,01024	0,769	+0,00999
325	— 0,01088	28,5	— 0,01640	0,735	—0,00965	0,770	+0,01056
326	— 0,00954	28,6	— 0,01488	0,736	—0,00906	0,771	+0,01112
327	— 0,00821	28,7	— 0,01336	0,737	—0,00847	0,772	+0,01168
328	— 0,00689	28,8	— 0,01185	0,738	—0,00788	0,773	+0,01225
329	— 0,00556	28,9	— 0,01035	0,739	—0,00729	0,774	+0,01281
330	— 0,00425	29,0	— 0,00885	0,740	—0,00670	0,775	+0,01337
331	— 0,00293	29,1	— 0,00735	0,741	—0,00612	0,776	+0,01393
332	— 0,00162	29,2	— 0,00586	0,742	—0,00553	0,777	+0,01449
333	— 0,00032	29,3	— 0,00438	0,743	—0,00494	0,778	+0,01505
334	+ 0,00099	29,4	— 0,00290	0,744	—0,00436	0,779	+0,01560
335	+ 0,00228	29,5	— 0,00142	0,745	—0,00378	0,780	+0,01616
336	+ 0,00358	29,6	+ 0,00005	0,746	—0,00319	0,781	+0,01672
337	+ 0,00487	29,7	+ 0,00151	0,747	—0,00261	0,782	+0,01727
338	+ 0,00616	29,8	+ 0,00297	0,748	—0,00203	0,783	+0,01783
339	+ 0,00744	29,9	+ 0,00443	0,749	—0,00145	0,784	+0,01838
340	+ 0,00872	30,0	+ 0,00588	0,750	—0,00087	0,785	+0,01894
341	+ 0,00999	30,1	+ 0,00732	0,751	—0,00029	0,786	+0,01949
342	+ 0,01127	30,2	+ 0,00876	0,752	+0,00028	0,787	+0,02004
343	+ 0,01253	30,3	+ 0,01020	0,753	+0,00086	0,788	+0,02059
344	+ 0,01380	30,4	+ 0,01163	0,754	+0,00144	0,789	+0,02114
345	+ 0,01506	30,5	+ 0,01306	0,755	+0,00201	0,790	+0,02169
346	+ 0,01632	30,6	+ 0,01448	0,756	+0,00259	0,791	+0,02224
347	+ 0,01757	30,7	+ 0,01589	0,757	+0,00316	0,792	+0,02279
348	+ 0,01882	30,8	+ 0,01731	0,758	+0,00374	0,793	+0,02334
349	+ 0,02007	30,9	+ 0,01871	0,759	+0,00431	0,794	+0,02389
350	+ 0,02131	31,0	+ 0,02012	0,760	+0,00488	0,795	+0,02443

$$\text{Log. } \beta = \text{Log. } B + \text{Log. } T.$$

Tabula XIV. *continuata.*

Refractio astronomica.

Factor Refractionis a gradu Thermometri exterioris pendens = γ

Scala *Fahrenheitiana*

°	Log. γ	°	Log. γ	°	Log. γ
— 25	+ 0,06773	15	+ 0,02969	55	— 0,00528
— 24	+ 0,06674	16	+ 0,02878	56	— 0,00612
— 23	+ 0,06575	17	+ 0,02787	57	— 0,00698
— 22	+ 0,06476	18	+ 0,02697	58	— 0,00780
— 21	+ 0,06377	19	+ 0,02606	59	— 0,00863
— 20	+ 0,06279	20	+ 0,02514	60	— 0,00946
— 19	+ 0,06181	21	+ 0,02426	61	— 0,01029
— 18	+ 0,06083	22	+ 0,02336	62	— 0,01112
— 17	+ 0,05985	23	+ 0,02247	63	— 0,01195
— 16	+ 0,05887	24	+ 0,02157	64	— 0,01278
— 15	+ 0,05790	25	+ 0,02068	65	— 0,01360
— 14	+ 0,05693	26	+ 0,01979	66	— 0,01443
— 13	+ 0,05596	27	+ 0,01890	67	— 0,01525
— 12	+ 0,05500	28	+ 0,01801	68	— 0,01607
— 11	+ 0,05403	29	+ 0,01713	69	— 0,01689
— 10	+ 0,05307	30	+ 0,01624	70	— 0,01770
— 9	+ 0,05211	31	+ 0,01536	71	— 0,01852
— 8	+ 0,05115	32	+ 0,01448	72	— 0,01933
— 7	+ 0,05020	33	+ 0,01360	73	— 0,02015
— 6	+ 0,04924	34	+ 0,01273	74	— 0,02096
— 5	+ 0,04829	35	+ 0,01185	75	— 0,02177
— 4	+ 0,04734	36	+ 0,01098	76	— 0,02257
— 3	+ 0,04640	37	+ 0,01011	77	— 0,02338
— 2	+ 0,04545	38	+ 0,00924	78	— 0,02419
— 1	+ 0,04451	39	+ 0,00837	79	— 0,02499
0	+ 0,04357	40	+ 0,00750	80	— 0,02579
+ 1	+ 0,04263	41	+ 0,00664	81	— 0,02659
2	+ 0,04169	42	+ 0,00578	82	— 0,02738
3	+ 0,04076	43	+ 0,00492	83	— 0,02819
4	+ 0,03982	44	+ 0,00406	84	— 0,02898
5	+ 0,03889	45	+ 0,00320	85	— 0,02978
6	+ 0,03796	46	+ 0,00234	86	— 0,03057
7	+ 0,03704	47	+ 0,00149	87	— 0,03136
8	+ 0,03611	48	+ 0,00064	88	— 0,03216
9	+ 0,03519	49	— 0,00021	89	— 0,03294
10	+ 0,03427	50	— 0,00106	90	— 0,03373
11	+ 0,03335	51	— 0,00191	91	— 0,03452
12	+ 0,03243	52	— 0,00275	92	— 0,03530
13	+ 0,03152	53	— 0,00360	93	— 0,03609
14	+ 0,03060	54	— 0,00444	94	— 0,03687
15	+ 0,02969	55	— 0,00528	95	— 0,03765

Tabula XIV. *continuata.*

Refractio astronomica.

Factor Refractionis a gradu Thermometri exterioris pendens $= \gamma$

	Scala *Réaum.* Log. γ	Scala *Centes.* Log. γ		Scala *Réaum.* Log. γ	Scala *Centes.* Log. γ
— 35°	+ 0,08990	+ 0,07373	0°	+ 0,01448	+ 0,01448
— 34	+ 0,08755	+ 0,07192	+ 1	+ 0,01251	+ 0,01290
— 33	+ 0,08522	+ 0,07012	2	+ 0,01054	+ 0,01133
— 32	+ 0,08290	+ 0,06833	3	+ 0,00859	+ 0,00976
— 31	+ 0,08059	+ 0,06654	4	+ 0,00664	+ 0,00820
— 30	+ 0,07829	+ 0,06476	5	+ 0,00470	+ 0,00664
— 29	+ 0,07601	+ 0,06298	6	+ 0,00277	+ 0,00509
— 28	+ 0,07373	+ 0,06122	7	+ 0,00085	+ 0,00354
— 27	+ 0,07147	+ 0,05946	8	— 0,00106	+ 0,00200
— 26	+ 0,06922	+ 0,05771	9	— 0,00297	+ 0,00047
— 25	+ 0,06698	+ 0,05596	10	— 0,00486	— 0,00105
— 24	+ 0,06476	+ 0,05423	11	— 0,00675	— 0,00259
— 23	+ 0,06254	+ 0,05249	12	— 0,00863	— 0,00410
— 22	+ 0,06034	+ 0,05077	13	— 0,01050	— 0,00562
— 21	+ 0,05815	+ 0,04905	14	— 0,01236	— 0,00713
— 20	+ 0,05596	+ 0,04734	15	— 0,01422	— 0,00863
— 19	+ 0,05379	+ 0,04564	16	— 0,01607	— 0,01013
— 18	+ 0,05163	+ 0,04394	17	— 0,01791	— 0,01162
— 17	+ 0,04948	+ 0,04225	18	— 0,01974	— 0,01311
— 16	+ 0,04734	+ 0,04057	19	— 0,02156	— 0,01459
— 15	+ 0,04522	+ 0,03889	20	— 0,02338	— 0,01607
— 14	+ 0,04310	+ 0,03722	21	— 0,02519	— 0,01754
— 13	+ 0,04099	+ 0,03556	22	— 0,02699	— 0,01901
— 12	+ 0,03889	+ 0,03390	23	— 0,02879	— 0,02047
— 11	+ 0,03681	+ 0,03225	24	— 0,03057	— 0,02192
— 10	+ 0,03473	+ 0,03060	25	— 0,03235	— 0,02338
— 9	+ 0,03266	+ 0,02896	26	— 0,03412	— 0,02483
— 8	+ 0,03060	+ 0,02733	27	— 0,03589	— 0,02627
— 7	+ 0,02855	+ 0,02570	28	— 0,03765	— 0,02771
— 6	+ 0,02652	+ 0,02408	29	— 0,03940	— 0,02914
— 5	+ 0,02449	+ 0,02247	30	— 0,04114	— 0,03057
— 4	+ 0,02247	+ 0,02086	31	— 0,04288	— 0,03200
— 3	+ 0,02046	+ 0,01926	32	— 0,04461	— 0,03342
— 2	+ 0,01846	+ 0,01766	33	— 0,04633	— 0,03483
— 1	+ 0,01646	+ 0,01607	34	— 0,04805	— 0,03624
0	+ 0,01448	+ 0,01448	35	— 0,04976	— 0,03765

Log. Refractionis $= l$ Tang. $D.aV. + l\alpha + A.l\beta + \lambda.l\gamma.$

E r r a t a.

				c o r r i g e
Pag.	VI	lin. 5	$b' = b\,a$ — Sin etc.	$b' = b - a$ Sin etc.
—	VII	— 23	$90° - t$	$90° - z$
—	VIII	— 29	Tang. $\frac{1}{2}(\delta' + \delta)$	Cotang $\frac{1}{2}(\delta' + \delta)$
—	X	— 3	$\frac{dx}{dt}$	$\frac{d\alpha}{dt}$
		— 19	uti	ubi
—	XI	— 2	$\left(\frac{n'^3}{12} - \frac{n'm'}{6}\right)^2$	$\left(\frac{n'^3}{12} - \frac{n'm'^2}{6}\right)$
—	XXIV	— 21	quondam	quibusdam seriebus
—	XXVIII	— 28	Tab. VI. Col. 1.	Tab. VII. Col. 1.
—	XXXI	— 12	$i = 0'',33308$; etc. . . .	$i = 0,33308$; etc.
		— 13	$0'',33324$; etc. . . .	$0,33324$; etc.
—	XL	— 39	fieri	sciri
—	XLVIII	— 9	2α Sin $\frac{1}{2}\delta^2$	$2a$ Sin $\frac{1}{2}\delta^2$
—	LI	— 12	$a.A + b.B$	$a.A + b.B$
—	LII	— 38	Sin φ, Cos φ	Sin φ', Cos φ'
—	LIX	— 24	$(\varrho)\ \frac{-g-l}{gl}\ .\ as$	$(\varrho)\ .\ e^{-\frac{g-l}{gl}\ .\ as}$
—	85	Octob. 17.	$E = -0'',08$	$-0'',03$
—	117	Janr. 22.	$C = -0,9880n$	$0,9980n$
—	216	1773	Jan. 0 $+7°\,20'\,37'',82$ . .	$+7°\,20'\,37'',32$
—	419	1824	$8'\,16''\,4893$	$8'\,16'',9893$
—	488	1849	Dec. 66. $44'',54$	$34'',54$
—	490	1833	Octob. 27. $57'',95$	$56'',95$
—	528	Apr. 10.	Mora transit. $9'',43$	$9'',33$

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